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DEPARTMENT OF HEALTH

Fourteenth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR
1938

Annual

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THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 14, 1939

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TORONTO
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1939

TO THE HONOURABLE ALBERT MATTHEWS, LL.D.,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Fourteenth Annual Report of the Department of Health, for the year 1938.

Respectfully submitted,

HAROLD J. KIRBY,
Minister of Health.

To The Honourable Harold J. Kirby, K.C.,
Minister of Health.

Sir,—I have the honour to submit for your approval the Fourteenth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1938.

I have the honour to be, Sir,

Your obedient servant,

B. T. McGhie,
Deputy Minister of Health.

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DEPARTMENT OF HEALTH

Minister

HONOURABLE HAROLD J. KIRBY, K.C.

Deputy Minister

B. T. McGHIE, M.D.

Chief Medical Officer of Health

JOHN T. PHAIR, M.B., D.P.H.

Solicitor's Branch

K. G. Gray, M.D., K.C	Solicitor to the Department

Child Hygiene and Public Health Nursing

John T. Phair, M.B., D.P.H	Director
Edna L. Moore, Reg. N	Chief Public Health Nurse
Miss N. E Howey	Supervisor, Public Health Nursing
Miss H. G. Pennock	Supervisor, Public Health Nursing
Miss E. M. Squires	Supervisor, Public Health Nursing
Miss B. E. Johnson	Supervisor, Public Health Nursing
Miss M. V. Lowry	Supervisor, Public Health Nursing
	Eastern Ontario Health Unit, Alexandria, Ontario
Miss Rose Hally	Public Health Nurse
Miss Ora H. Lefler	Public Health Nurse
Miss M. H. Lunn	Public Health Nurse
Miss K. E. Osborne	Public Health Nurse
Miss E. R. Wheler	Public Health Nurse
Miss Henedine Bechard	Public Health Nurse
Miss Ola M. Dancause	Public Health Nurse
Miss M. A. Rutherford	Public Health Nurse
Miss H. E. Smith	Public Health Nurse

Preventable Diseases Branch

A. L. McKay, B.A., M.B., D.P.H	Director and Epidemiologist
R. P. Hardman, M.D., D.P.H	Associate Epidemiologist

Tuberculosis Prevention Branch

G. C. Brink, M.B	Director
K. M. Shorey, M.D	Clinical Specialist
G. W. Cragg, M.B	Clinical Specialist
J. S. Hazen, M.B	Clinical Specialist
J. W. Smith, M.D	North Western Ontario Clinic, Fort William
G. G. Brearley, M.D	Mid-Eastern Ontario Clinic, Belleville
D. McCallum, M.B	Eastern Ontario Clinic, Ottawa
G. M. Lane, M.D	Northern Ontario Clinic, Timmins
E. R. Harris, M.B., H. H. Washburn, M.D.	Mid-Northern Ontario Clinic, North Bay

Sanitary Engineering Branch

A. E. Berry, M.A.Sc., C.E., Ph.D	Director
A. V. Delaporte, B.A.Sc., Chem. E., F.C.I.C	Chemist in Charge of Experimental Station
O. V. Ball, B.A.Sc	Assistant Sanitary Engineer
G. A. H. Burn, B.A.Sc	Assistant Sanitary Engineer
E. W. Johnston, B.A.Sc	Assistant Sanitary Engineer
A. T. Byram, B.A.Sc	Assistant Sanitary Engineer
G. M. Galimbert, B.A.Sc	Assistant Sanitary Engineer
W. R. Edmonds, M.A.Sc	Assistant Sanitary Engineer
L. A. Kay, M.A.Sc	Assistant Sanitary Engineer
J. G. Duncan, B.A.Sc.	Assistant Chemist
H. G. Tyler, A.R.San.I., C.S.I.(C)	Sanitary Investigator

Laboratories Branch

Andrew MacNabb, V.S., B.V.Sc	Director
Wallace McClure, M.B., D.P.H	Bacteriologist
A. R. Bonham, B.A.Sc., F.C.I.C	Provincial Analyst
H. A. Ansley, M.D., D.P.H	Pathologist
J. W. Bell, M.B	Assistant Bacteriologist
Stuart F. Penny, M.D	Pathologist
W. M. Wilson, M.D	Pathologist
Doris Howell, M.A., M.D	Junior Physician
J. E. Fasken, B.A.Sc	Assistant Analyst
R. S. Bull, M.A., A.C.I.C	Assistant Analyst

Branch Laboratories

A. J. Slack, Ph.C., M.D., D.P.H., Director	London
James Miller, M.D., D.Sc., F.R.C.P. (E) F.R.C.P. (Can.) F.R.S.C., Director	Kingston
A. E. Allin, M.B., D.P.H., Director	Fort William
N. F. W. Graham, B.A., M.D., Director	Sault Ste. Marie
A. D. McClure, B.A., Director	North Bay
C. B. Waite, M.B., Director	Peterborough
F. L. Letts, M.B., D.P.H., Director	Ottawa

Industrial Hygiene Branch

J. G. Cunningham, B.A., M.B., D.P.H	Director
A. R. Riddell, B.A., M.B., D.P.H	Clinical Specialist
F. M. R. Bulmer, M.B., B.Sc., Med	Special Research
H. E. Rothwell, B.A., Sc., F.C.I.C	Chemist
C. M. Jephcott, M.A., Ph.D	Assistant Chemist
L. B. Leppard, M.A., Ph.D.	Physicist
E. O. Braaten, M.A., Ph.D	Physicist
D. McKee	Chief Sanitary Inspector
J. Richardson, Sanitary Inspector	North Bay
John Sime, A.R. San. I	Fort William
R. B. McCauley, Sanitary Inspector	Sault Ste. Marie
Hugh McIntyre, A.R. San. I	Kirkland Lake
A. S. O'Hara, M.R. San. I., C.S.I.(C), A.M.I.S.E	Kenora
Sydney Harris, Sanitary Inspector	Geraldton

Nurse Registration Branch

A. M. Munn, Reg. N	Director
E. R. Dick, Reg. N	Inspector of Training Schools for Nurses
E. A. Rothery, Reg. N	Inspector of Nursing, Provincial Hospitals

Dental Services Branch

F. A. Kohli, D.D.S. — Director

Health Education

Mary Power, B.A. — Director

Medical Statistics

A. Hardisty Sellers, B.A., M.D., D.P.H. — Medical Statistician

Library

Fredrita Henley Wright — Librarian

Honourary Consultants

Public Health Administration	J. G. Fitzgerald, M.D., F.R.S.C.
Pediatrics	Alan Brown, B.A., M.B.
Obstetrics	William B. Hendry, M.B., D.S.O.
Dental Services	Harold Keith Box, D.D.S.
Pathology	James Miller, M.D., D.Sc., F.R.C.P. (E), F.R.C.P. (Can.), F.R.S.C.
Public Health Nursing	Miss Elizabeth Smellie, C.B.E., Reg. N.

ANNUAL REPORT

of the

Department of Health

For the Calendar Year Ending December 31st, 1938

Comment is justified in this preface to the annual report of departmental activities on the rather radical departure from previous practice in two specific instances, namely, the assumption by the province of the entire cost of the necessary sanatorium treatment of the medically-indigent tuberculous patient, and the adoption of legislation requiring the compulsory pasteurization of milk in all cities, towns and certain defined areas.

The first of these measures was prompted by the difficulty which presented in ensuring appropriate treatment for many of those suffering from this disease. The second was the result of an appreciation of the necessity for a more uniform protection of the public milk supply. The unanimity with which the Legislature accepted this mandatory measure is a tribute to the vision of the Assembly membership. The legislation has been extended to include all urban municipalities with a population of 1,000 or over and all those suburban areas adjacent to the larger centres of population. The adoption for the first time by any state or province of progressive legislation of this type is a further index of official concern for the public good.

The Department was relieved of the cost of arsenicals to be used in the treatment of those suffering from syphilis; these drugs being supplied by the Federal Department of Pensions and National Health. The proportion of the cost of venereal disease treatment in non-clinic centres, formerly borne by the Government, has been increased to the point where only 25 per cent. of the cost is paid for by the municipality concerned. Increased emphasis has been placed on the control of this disease.

The report of the various activities of the Department follows in some detail.

REPORT OF THE SOLICITOR

K. G. Gray, M.D., K.C., *Solicitor to the Department.*

The legal opinions required from the Solicitor continue to increase, partly due to the enactment of new legislation administered by the Department. More than 2,500 requests of this nature were received and answered during the year.

The Solicitor acted for the Superintendent of the Ontario Hospital, London, in connection with two actions in the Supreme Court. Both actions were dismissed against the defendant Superintendent.

The Solicitor acted as guardian *ad litem* for a defendant patient in an Ontario Hospital.

It was necessary to obtain judgment in county court against four creditors for maintenance owing to this Department on account of patients in Ontario Hospitals.

Only one application for habeas corpus was brought during the year for patients in Ontario Hospitals. This application is still pending.

The Solicitor acted as a member of the Board of Examiners appointed under The Optometry Act, during the year.

The following legislation was passed by the Legislative Assembly in the 1938 Session, affecting statutes administered by this Department:

1. *An Act for the Investigation of Remedies for Cancer, 1938*, c.4.

and amendements to the following Acts:

1. *The Burial of the War Veterans Act, 1938*, c.3.
2. *The Mental Hospitals Act, 1938*, c.20.
3. *The Nurses' Registration Act, 1938*, c.25.
4. *The Private Hospitals Act, 1938*, c.28.
5. *The Private Sanitaria Act, 1938*, c.29.
6. *The Public Health Act, 1938*, c.30.
7. *The Sanatoria for Consumptives Act, 1938*, c.34.
8. *The Cemetery Act.*
   The Public Hospitals Act.
   The Venereal Diseases Prevention Act.

contained in The Statute Law Amendment Act, 1938, c.35.

The following regulations and amendments to regulations were approved by the Lieutenant-Governor in Council on the recommendation of the Minister of Health:

Regulations and amendments under the following Acts:

The Cemetery Act, Order-in-Council, dated May 28th, 1938.
The Mental Hospitals Act, October 13th, 1938.
The Nurses' Registration Act, February 14th, 1938.

The Nurses' Registration Act, May 28th, 1938.
The Nurses' Registration Act, November 30th, 1938.
The Pharmacy Act, January 6th, 1938.
The Pharmacy Act, October 13th, 1938.
The Private Hospitals Act, January 6th, 1938.
The Private Hospitals Act, August 18th, 1938.
The Public Health Act, May 10th, 1938.
The Public Health Act, August 18th, 1938.
The Public Health Act, December 16th, 1938.
The Public Health Act, December 28th, 1938.
The Public Hospitals Act, May 10th, 1938.
The Public Hospitals Act, November 30th, 1938.
The Sanatoria for Consumptives Act, June 22nd, 1938.
The Sanatoria for Consumptives Act, August 18th, 1938.

Two Orders-in-Council were approved on June 24th, making pasteurization of milk compulsory in certain localities in Ontario. These are reported in the report of the Division of Sanitary Engineering, in this volume.

An Order-in-Council was approved on June 24th proclaiming Saturday, October the 1st, 1938, as the day upon which sec. 8 of The Public Health Amendment Act, 1938, should come into force and effect.

An Order-in-Council was approved on December 16th proclaiming February 1st, 1939, as the date on which pasteurization of milk should be made applicable to certain areas.

An Order-in-Council was approved on June 22nd, proclaiming Friday, the 1st day of July, 1938, as the day upon which sec. 12 of the "Act to Amend The Sanatoria for Consumptives Act," should come into force and take effect.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 28th day of May, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that pursuant to the provision of Part IV of *The Cemetery Act*, the attached rules and regulations, schedule of charges and form of application for cremation, be approved.

Certified.
C. F. Bulmer,
Clerk, Executive Council.

THE TRUSTEES OF THE TORONTO GENERAL BURYING GROUNDS

The Toronto Crematorium Schedule of Charges:

For a Cremation, including the use of the Chapel, Cremation, and the placing of of the cremated remains in a sealed temporary container and delivery at the Crematorium. Container may be left at the Crematorium for fourteen days free of charge.

Adult	$ 40.00
Child	25.00
For a temporary deposit of the container at the Crematorium after fourteen days—per month	1.00
Scattering cremated remains	5.00
For Statutory Declaration required when remains are shipped abroad	3.00
Metal container for cremated remains when shipped abroad	1.50
Packing, postage and extra work when shipping remains	3.50
Lease of Niche in the Columbarium in the Toronto Crematorium for a period of 25 years—Standard	100.00

Special	225.00
For the second and subsequent rental periods the charges are one-third of the above.	
Lettering on the face of Niche in the Columbarium in the Toronto Crematorium—per letter	.25
For a Niche in the Columbarium in Mount Pleasant Mausoleum—Standard	160.00
Special	340.00
Lettering on the face of Niche in the Columbarium in Mount Pleasant Mausoleum—per letter	.30
Re-opening and sealing Niche for second or subsequent inurnment	7.00
For a lot in the Garden of Rest at Toronto Necropolis—including the opening charges for the first interment. . .	25.00
Interment of cremated remains in private ground or lot or for the second or subsequent interment in the Garden of Rest.	6.00

Rules and Regulations, Toronto Crematorium

Open for inspection by appointment.

1. Before incineration can take place, the approved form "Application for Cremation" with Statutory Declaration and Coroner's Certificate, properly filled out, together with burial permit, must be delivered to the Crematorium Office, 200 Winchester Street, Toronto, following reservation by letter, telegram or telephone, reservation to be confirmed by Crematorium.

2. Cremated remains will be placed in a sealed temporary container, which will be furnished, without additional charge, by the Trustees, and such container may be left at the Crematorium for a period of 14 days after cremation. After that date a charge of $1.00 per month will be made, and on failure to pay such charge the cremated remains may be disposed of in such manner as the Trustees may think fit.

3. No cremation shall take place until the charges are paid.

4. The fee for cremation includes use of Chapel, cremation, supplying of container, and delivery of cremated remains at Crematorium.

5. When cremated remains are to be sent out of town, an extra charge will be made for packing, postage and extra work involved.

6. When shipping cremated remains abroad, a Statutory Declaration is necessary for which a fee is charged.

7. No cremation will take place on Sunday, Good Friday or Christmas Day except when the Local Board of Health orders that the body shall be cremated forthwith.

8. Floral tributes will not be received in the Crematorium building, but provision will be made for their display on the adjoining grounds. After the third day, they will be destroyed.

9. Children under the age of twelve years shall not be admitted to the Crematorium Chapel, except in charge of an adult, who shall be responsible for their good conduct.

10. All the general Rules and Regulations of the Trustees of the Toronto General Burying Grounds shall apply to the Crematorium so far as the nature of the case permits.

Rules and Regulations, Columbarium and Garden of Rest.

Special provision has been made for the care of incinerated remains; full particulars can be obtained on application to the Secretary, Supervisor or Superintendent at the Crematorium.

1. Niches may be rented in the Columbarium adjoining the Crematorium Chapel.

2. Niches for permanent inurnment may be purchased in the Columbarium in Mount Pleasant Mausoleum.

3. The charge for the interment of ashes in private graves or in the Garden of Rest shall be the same as those from time to time fixed for opening infants' graves.

4. Lettering on the face of Niches must be approved by the Trustees and will be done by them at prices from time to time fixed by them.

5. Urns will only be allowed in the Columbarium when they are properly sealed and when the design, material and inscription have been approved by the Trustees.

Form C-10-38

APPLICATION FOR CREMATION.
With Statutory Declaration
and Coroner's Certificate.

THE TRUSTEES OF THE
TORONTO GENERAL BURYING GROUNDS

THE TORONTO CREMATORIUM

200 WINCHESTER STREET, TORONTO.

Telephone MIdway 7911

I,..
(Name of Applicant)
Address..
Occupation..

Apply to THE TORONTO CREMATORIUM
to undertake the cremation of the remains of..
(Name of Deceased)
Address..
Occupation.......................Age.................Sex.......................
(Whether married, widow, widower or unmarried)
Place of Birth.............................Where Died?..............................
I authorize the following disposal of the cremated remains..........................
....
....
....

I do solemly declare that the true answers to the questions set out below are as follows:

1. Are you an executor of the deceased?	
2. If not, state	
(*a*) Did the deceased leave a will?	(*a*)
(*b*) Your relationship to the deceased.	(*b*)
(*c*) Are you the nearest surviving relative of the deceased?	(*c*)
(*d*) The reason why the application is made by you and not by an executor or any nearer relative.	(*d*)
3. Did the deceased leave any written directions as to the mode of disposal of his remains? If so, what?	
4. Have the near relatives of the deceased been informed of the proposed cremation? (The term "near relative" as here used includes widow or widower, parents, children above the age of 16, and other relatives usually residing with the deceased.)	
5. Has any near relative of the deceased expressed any objection to the proposed cremation? If so, on what grounds?	
6. What was the date and and hour of the death of the deceased?	

7. What was the place where deceased died? Give address and say whether own residence, lodgings, hotel, hospital nursing home, &c.	
8. Give the name and address of the ordinary medical attendant of the deceased.	

And I make this solemn declaration, conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of The Canada Evidence Act.

Declared before me at the..............................of
....
this..................day of..............................19. ....
....
(A Commissioner, etc.)

Date and hour of Cremation Service.... ....
Funeral Director ....
Address.... ....
Cremation Charge $.................... Columbarium Niche $................ Urn $..........................
Burial Fee $.............................. Extra Work $.......................... Total $ ....

NOTE:—Caskets or Containers must be of Wood or other Combustible Material.

CORONER'S CERTIFICATE

I certify that I have to-day viewed the body of..
....
....
and from the history given by:
....
....
....
I am satisfied that the cause of death was:
....
and that no circumstances exist which could render necessary any further examination of the remains or of any part of the body or any analysis of any matter or substance connected therewith or contained therein.

Dated at.. this ....day
of the month of..19. ....

....
Coroner.
....
Municipality.

Section 52, Chapter 351, Revised Statutes of Ontario, 1937.

No body shall be cremated unless and until a certificate in the prescribed form, signed by a duly qualified coroner of the municipality in which death took place has been deposited with the owner, which certificate shall contain the statement that the cause of death has been definitely ascertained and that there exists no reason for further inquiry or examination.

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 28th day of December, A.D., 1938.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the attached regulations made pursuant to clause (zd) of Section 5 of *The Public Health Act, R.S.O. 1937*, Chapter 299, be approved.

Certified,

C. F. BULMER,

Clerk Executive Council.

BEDDING REGULATIONS

1. In these regulations:—

(*a*) "Bolster," "cushion," "feather bed" or "Pillow" shall include any bag, case or covering made of cotton, leather or other textile material, and stuffed, filled or

partly filled with excelsior, straw, hay, grass, corn husks, moss, fibre, cotton, wool, hair, jute, feathers, feather down, kapok or other soft materials to be used on a bed, hammock, chair, couch, divan, sofa, lounge, or other articles of upholstered furniture for sleeping, reclining or resting purposes.

(*b*) "Comforter" shall include any cover, quilt, or quilted article made of cotton or other textile material and stuffed, filled or partly filled with fibre, cotton, wool, hair, jute, feathers, feather down, kapok, or other soft materials.

(*c*) "Converted" as applied to any material shall mean any otherwise new material which has been dyed or coloured or which has been garnetted or shredded but not further manufactured than to be spun into yarn or knit or woven into fabric and subsequently cut up, torn up, broken up or ground up and shall include coarse cotton mill gunny.

(*d*) "Label" shall mean a label required to be affixed to any article under the provisions of these regulations.

(*e*) "Mattress" shall include any quilted pad, mattress, mattress pad, mattress protector, bunk, quilt or box spring, stuffed, filled or partly filled with excelsior, straw, hay, grass, corn-husks, moss, fibre, cotton, wool, hair, jute, kapok or other soft material, to be used on a couch or other bed for sleeping or reclining purposes.

(*f*) "New" as applied to any material or articles shall mean any material or article which has not been previously manufactured or used for any purpose but shall not include converted material.

(*g*) "Second-hand" as applied to any material or article shall mean any material or article which is neither new nor converted.

(*h*) "Upholstered furniture" shall mean upholstered furniture that is,—

(*i*) provided with removable or semi-detached cushions or bolsters; or

(*ii*) of such a size and nature that it can be used for resting, reclining or sleeping purposes.

2. Every person who constructs, manufactures, builds, puts together, or renovates any mattress, pillow, bolster, cushion, feather bed, comforter or upholstered furniture shall affix a label thereto in accordance with these regulations.

3.—(1) No person shall at wholesale or retail or otherwise directly or indirectly sell, offer or expose for sale, deliver, rent, consign, lease or otherwise commercially dispose of or have in his possession with intent to so dispose of it, any mattress, pillow, bolster, cushion, feather bed, comforter, or upholstered furniture unless such article is labelled according to these regulations.

(2) Sub-regulation (1) shall not apply to any person who is not a manufacturer, retailer, second-hand dealer or in any way engaged in the manufacture, sale, delivery, rental or renovating of articles enumerated therein.

4.—(1) Every mattress, bolster, feather bed and every article of upholstered furniture shall be labelled with a label approved by the Department, made of muslin or linen, not less than six square inches sewn by all four sides to a conspicuous part of each article.

(2) The label shall be lettered in English and shall give the following information,—

(*a*) The names and address of the manufacturer; and

(*b*) (*i*) Where new materials are used exclusively the article shall be labelled, "contains new material only" on a white label;

(*ii*) Where "converted" materials are used exclusively or with new material the article shall be labelled "contains converted material" on a blue label; and

(*iii*) Where "second-hand" materials are used in part or in whole the article shall be labelled "contains second-hand material" on a yellow label.

(3) The designations, "contains new material only," "contains converted material" and "contains second-hand material" shall be printed on labels in black letters at least ¼" in height and other lettering shall be ⅛" in height and no trade name or other printing shall appear on the label.

(4) The provisions of this regulation shall apply to pillows, cushions and comforters except that the label may be sewn by only one side to the article.

5.—(1) No person shall remove, deface or alter or attempt to remove, deface or alter any label or use any label in any manner other than in accordance with the provisions of these regulations.

(2) Sub-regulation (1) shall not apply to any person who is not a manufacturer, retailer, second-hand dealer or in any way engaged in the manufacture, sale or renovating of articles enumerated in these regulations.

6. Any officer of the Department of Health or any local medical officer of health or sanitary inspector may require any second-hand upholstered furniture to be disinfected to the satisfaction of such officer.

7. No unclean or vermin-infested material shall be used for the manufacture of any mattress, pillow, bolster, cushion, feather bed, comforter or upholstered furniture, and no person shall sell, offer or expose for sale, or have in his possession with intent to sell any such article containing unclean or vermin-infested material.

8. No mattress, pillow, bolster, cushion, feather bed or comforter from any institution caring for the sick shall be sold or renovated unless sterilized by a process approved by an officer of the Department or a medical officer of health, or treated to his satisfaction.

9. No mattress, pillow, bolster, cushion, or feather bed which has been in contact with a person suffering from any communicable disease shall be sold or renovated unless sterilized by a process approved by an officer of the Department or a medical officer of health, or treated to his satisfaction.

10.—(1) All feathers or feather products whether new or second-hand shall be thoroughly washed, rinsed, steamed and dried by methods approved by an officer of the Department or a medical officer of health, before being used in any mattress, pillow, bolster, cushion, feather bed, comforter or upholstered furniture.

(2) Any approval by a medical officer of health under this regulation shall be subject to cancellation or revision by an officer of the Department.

11. Where any officer of the Department or any medical officer of health suspects that any mattress, pillow, bolster, cushion, feather bed, comforter or article of upholstered furniture is not labelled in accordance with the provisions of these regulations he may prohibit the sale of such article by affixing a label thereto bearing the words "off sale" and no such article shall be sold or offered for sale until such label has been removed by an officer of the Department or a medical officer of health.

12. Every building or place where mattresses, pillows, bolsters, cushions, feather beds, comforters or upholstered furniture are made, remade, renovated or where such articles are sold and every conveyance upon which such articles are transported, shall be subject to inspection and any such articles in such a place or upon such a conveyance may be opened and examined and seized and held for examination by an officer of the Department or a medical officer of health, and every such officer or medical officer of health may cut or deface any article to such an extent as is necessary to examine it.

13. These regulations shall come into force on the 28th day of December, 1938, but shall not apply to any retail sale prior to March 1st, 1939.

Copy of an Order-in-Council approved by the Honourable, the Lieutenant-Governor, dated the 10th day of May, A.D., 1938.

Upon the recommendation of the Honourable, the Minister of Health, the Committee of Council advise that pursuant to the provisions of clause (v) of section 5 of *The Public Heath Act* the attached regulations for dental inspection in schools be approved.

Certified,

C. F. Bulmer,
Clerk Executive Council.

REGULATIONS FOR DENTAL INSPECTION IN SCHOOLS

Pursuant to clause (v) of section 5 of *The Public Health Act.*

1. In these regulations:—

"Dental inspection" shall include dental treatment;

"Department" shall mean Department of Health of Ontario;

"Director" shall mean the Director of Dental Service for Ontario.;

"Local Board" shall mean a local board of health;

"School Board" shall mean and include any board having under the authority of statute charge over a public, separate, continuation, high or vocational school.

2. Subject to these regulations the Department may pay a grant to any local board which provides by agreement under section 91 of *The Public Health Act* with a school board for the dental inspection of the pupils of the school or schools under the charge of such school board.

3. (1) The grant shall be paid only to local boards which have established dental inspection after April 1st, 1938; unless the Department is satisfied that the services included in such dental inspection have been materially increased after April 1st, 1938;

(2) The grant shall be paid for a period of not more than five years after the commencement of such inspection.

4. Any local board desirous of obtaining the grant for dental inspection shall apply to the Director in writing signed by the secretary of the local board and

(*a*) shall fyle a copy of an agreement between the local board and the school board pursuant to section 91 of *The Public Health Act;*

(*b*) shall set out in the application the particulars relating to the dental inspection, including the number, size and location of the schools, the names and addresses of all dentists, nurses and other persons who will be engaged, and the length of time each person will be actually employed and the amount of their remuneration, the number and location of dental clinics which will be provided, the quarters, accommodation and equipment for each clinic.

5. The local board shall provide as part of the dental inspection,—

(*a*) Such full-time or part-time services of dentists as the Director deems necessary;

(*b*) A public health nurse whose duties shall be to assist in the dental work in the clinics and to carry out the necessary follow-up work in the schools and in the homes of the pupils, unless other arrangements for such work are approved by the Director;

(*c*) quarters and accommodation for dental clinics satisfactory to the Director;

6. The remuneration paid by the local board to any dentist, dental nurse or other person employed in the dental inspection provided under these regulations shall be subject to the approval of the Director.

7. (1) The local board of a municipality having a population of more than 20,000 persons shall provide the equipment and supplies for the dental clinics;

(2) The local board of a municipality having a population of less than 20,000 persons may arrange with the dentists engaged in the inspection to provide the necessary supplies and equipment for the dental clinics.

8. Every dentist employed in any dental inspection under these regulations shall prepare a report each month showing the pupils to whom any dental service is given, the nature of such service and the length of time in which the dentist is engaged therein and shall send a copy of such report to,—

(*a*) The local board which is providing the dental inspection;

(*b*) The school board which has entered into an agreement with the local board;

(*c*) The Director.

9. (1) The Director shall notify the secretary of the local board when the application for the payment of a grant from the Department has been approved and the grant shall be payable every three months thereafter, for a period not exceeding five years or until the Director has notified the secretary of the local board that such board is no longer eligible for the payment of the grant.

(2) The grant shall be paid to the local board upon receipt by the Director of a requisition signed by the secretary of the local board showing the total cost of providing the dental inspection for the preceding three months, and in such requisition the secretary of the local board shall include in the statement of cost only any amounts actually paid by the local board to any dentist, the cost of dental supplies and the cost of equipment.

(3) In calculating the amount shown for the cost of equipment, the secretary of the local board shall include in each three monthly statement, 1/10th of the total cost of such equipment.

(4) The secretary of the local board shall keep in his custody records showing all receipts and disbursements of moneys made for the purpose of dental inspection, and the records shall be subject to inspection by the Director or any person authorized by the Director to audit the records.

10. The amount of the grant paid by the Department to a local board for dental inspection shall be as follows:

(*a*) To a local board having jurisdiction in a municipality with a population exceeding 5,000 persons, the grant shall be 20% of the cost of the dental inspection;

(*b*) To a local board having jurisdiction in a municipality with a population of from 1,000 to 5,000 persons, the grant shall be 30% of the cost of the dental inspection;

(*c*) To a local board having jurisdiction in any township, the grant shall be 30% of the cost of dental inspection, and in the event that more than one township may unite for the purpose of establishing dental inspection, in such cases the grant shall be 30% of the cost of dental inspection;

(*d*) To a local board having jurisdiction in a municipality with a population of less than 1,000 persons, the grant shall be 30% of the cost of dental inspection: provided that the grant to any local board shall not exceed in any year the sum of $1,000.

11. (1) The Department may pay a grant to any school board which provides and pays for dental inspection of pupils, but only where provision for such dental inspection was inaugurated by such school board prior to the 31st day of July, 1924.

(2) The Department will pay a grant to a school board only when the Department is satisfied that the services included in such dental inspection have been materially increased after April 1st, 1938.

(3) Regulations numbered 1 to 10 shall apply *mutatis mutandis* to any school board which applies for and receives any such grant.

Copy of an Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 13th day of October, A.D., 1938.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to the provisions of section 5 of *The Mental Hospitals Act, R.S.O. 1937*, Chap. 392, the Regulations under the said Act be amended by adding thereto the following:

23. During the illness or absence of the superintendent of any institution, the Minister may appoint an officer of the Department or any institution to be acting superintendent of the institution, and while acting as acting superintendent such officer shall have all the powers and be subject to all the duties of a superintendent under the said Act and these regulations.

Certified,

C. F. Bulmer,

Clerk, Executive Council.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 14th day of February, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the regulations with respect to Training Schools for Nurses, approved by Your Honour on the 10th day of December, 1936, be amended as follows:

Clause (c) of section 21 of the said regulations is repealed and the following substituted therefor:

(*c*) After July 1st, 1939, the completion of middle school standing in twelve papers as follows (as prescribed by the Department of Education),—

Six Required Papers:

English Literature,
English Composition,
One subject of Mathematics,
Physics or Agriculture No. 1,
Chemistry or Agriculture No. 2,
Canadian History.

Six Papers Optional:

Languages—not more than four papers in two subjects:
Latin—Literature, Composition,
French—Literature, Composition,
Spanish—Literature, Composition,
Greek—Literature, Composition,
German—Literature, Composition.

Household Science No. 1 and No. 11.
Geometry,
Ancient History,
Arithmetic (special).
Zoology (special).

Certified,

C. F. Bulmer,

Clerk, Executive Council.

Copy of an Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 28th day of May, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the attached regulation under *The Nurses' Registration Act*, be approved.

Certified,

C. F. BULMER,
Clerk, Executive Council.

REGULATION PURSUANT TO THE NURSES' REGISTRATION ACT.

Nurses registered by examination or as "Intermediate" nurses on the General Part of the Register of the General Nursing Council for England and Wales shall be accepted for registration by the Director of Nurses' Registration for Ontario, and, further, application for "existing" nurses shall be considered on their respective merits; provided that:

(*a*) The general educational standard of the applicant can be evaluated as corresponding to the general educational standards required in Ontario:

(*b*) The applicants who have not had a course in obstetrics equivalent to the undergraduate course given in Ontario will be required to take a post-graduate course in obstetrics acceptable to the Director before registration.

NOTE:—A General Hospital is defined as one which admits men, women and children, and gives instruction in the four main services—medical, surgical, gynaecological and children's diseases.

Such general training may be given in one General Hospital recognized as a complete training school, or in recognized affiliated or associated hospital which together give instruction in the above named services.

This regulation shall not come into force until a certificate is received by the Clerk of the Executive Council of Ontario certifying:

That the General Nursing Council for England and Wales agrees to accept for registration by reciprocity:

(1) Nurses registered by the Director of Nurses' Registration for Ontario after having completed a period of not less than three years' training in a General Hospital in Ontario;

(2) Nurses training in England and Wales in a General Hospital approved by the General Council for England and Wales and registered by the Director of Nurses' Registration for Ontario.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 30th day of November, A.D. 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the Order-in-Council approved by Your Honour on the 28th day of May, 1938, pursuant to *The Nurses' Registration Act*, shall come into force. The certificate mentioned in the said Order is attached hereto.

Certified,

C. F. BULMER,
Clerk, Executive Council.

THE GENERAL NURSING COUNCIL FOR ENGLAND AND WALES.

23 Portland Place,
London, W. I,
22nd July, 1938.

DEAR MISS MUNN:—

With reference to previous correspondence in regard to the establishment of reciprocal registration between the General Nursing Council for England and Wales and the Director of Nurses' Registration for Ontario, I have pleasure in informing you that at the meeting of Council today the following Resolution was passed:—

"That the General Nursing Council for England and Wales agrees to accept for Registration by Reciprocity:—

1. Nurses registered by the Director of Nurses' Registration for Ontario after having completed a period of not less than three years' training in a General Hospital in Ontario;

(2) Nurses trained in England and Wales in a General Hospital approved by the General Nursing Council for England and Wales and registered by the Director of Nurses' Registration for Ontario;

on the understanding that nurses registered by Examination or as "Intermediate" Nurses on the General Part of the Register of the General Nursing Council for England and Wales will be accepted for registration by the Director of Nurses' Registration for Ontario and, further, that applications from "Existing" Nurses will be considered on their respective merits; provided that:

(*a*) The general educational standard of the applicant can be evaluated as corresponding to the general educational standards required in Ontario;

(*b*) That applicants who have not had a course in obstetrics equivalent to the undergraduate course given in Ontario will be required to take a post-graduate course in obstetrics acceptable to the Director before registration."

NOTE:—A General Hospital is defined as one which admits men, women and children, and gives instruction in the four main Services—Medical, Surgical Gynaecological and Children's diseases.

Such general training may be given on one general hospital recognized as a Complete Training School, or in recognized affiliated or associated hospitals which together give instruction in the above-named services.

In accordance with the usual practice, official notification of the passing of the Resolution for reciprocal registration with Ontario will be forwarded through the Ministry of Health and the Dominions Office.

The Agreement will not be put into operation in this country until ratification of the terms of the Resolution has been received from Ontario.

I enclose herewith copy of a letter in regard to training in private hospitals which has been sent to all of His Majesty's Dominions with which reciprocity has been established.

Yours faithfully,

(Signed), G. E. DAVIS,
Registrar.

Miss A. Munn, Reg. N.,
Director, Nurse Registration Branch,
Department of Health, Toronto.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 14th day of February, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the regulations with respect to Training Schools for Nurses, approved by Your Honour on the 10th day of December, 1936, be amended as follows:—

Clause (*c*) of section 21 of the said regulations is repealed and the following substituted therefor:

(*c*) After July 1st, 1939, the completion of middle school standing in twelve papers as follows (as prescribed by the Department of Education):

Six Required Papers:

English Literature,
English Composition,
One subject of Mathematics,
Physics or Agriculture No. 1,
Chemistry or Agriculture No. 2,
Canadian History.

Six Papers Optional:

Languages—not more than four papers in two subjects:
Latin—Literature, Composition,
French—Literature, Composition,
Spanish—Literature, Composition,
Greek—Literature, Composition,
German—Literature, Composition.

Household Science No. 1 and No. 11.
Geometry.
Ancient History,
Arithmetic (special).
Zoology (special).

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 6th day of January, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that pursuant to the provisions of subsection 2 of section 32*a* of *The Pharmacy Act*, schedule D of the said Act be amended by adding thereto the following articles:

> Sulphanilamide, para amino benzene sulphonamide or any derivative thereof or any combination thereof with other substances, and whether sold under the proper name or under any trade name, mark or designation.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 13th day of October, A.D., 1938.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that Schedule D of *The Pharmacy Act, R.S.O. 1937*, chaper 228, be amended by striking out the second paragraph of the said Schedule, which reads as follows:

> Amidopyrine and barbituric acid (*malonylurea*) and derivatives or combinations of either of them with other substances whether sold separately or combined with other substances and whether sold under their proper name or under any trade name, mark or designation.

and substituting therefor the following:

> Amidopyrine and barbituric acid (*malonylurea*) and derivatives or chemical combinations, except when combined with other medicinal ingredients and not exceeding one-half of one grain of amidopyrine or barbituric acid or the said derivatives or combinations and not less than the amount set by the British Pharmacopoeia as a maximum dose of one of the other medicinal ingredients in each maximum dose of the combination and when the combination contains less than one-half of one grain of amidopyrine or barbituric acid or the said derivatives or combinations in a maximum dose of the combination the minimum dose of such ingredient may be reduced in proportion to the reduction in the above drug.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 18th day of August, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the regulations under The *Private Hospitals Act* approved by Order-in-Council, dated July 7, 1936, and amended by Order-in-Council, dated June 6, 1938, be further amended by adding thereto the following section:

28. No person to whom a license is issued for the purpose of operating a rest home shall employ the word "hospital" in its name, letterhead, or advertising, or in any written or oral reference to the rest home.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 6th day of January, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the attached amendments to the regulations under *The Private Hospitals Act* be approved.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

REST HOMES

23. The license issued to a private hospital may provide that such hospital shall be a rest home and any hospital licensed as a rest home shall be subject to the provisions of these regulations respecting rest homes.

24. Clauses, 3, 5, 9, 10, 11, 13, 14, 15, 16, 17, 18, 20, 21, and 22 of these regulations shall not apply to rest homes, but the remaining clauses of these regulations shall apply to rest homes.

25. (1) Any hospital licensed as a rest home shall not admit as a patient therein any person requiring surgical treatment or active medical care, or any maternity cases.

(2) Any patient in a rest home who requires any surgical or maternity care shall be transferred to an institution qualified to provide such care.

26. Any patient in a rest home who requires any medical care shall be under the active care of a duly qualified medical practitioner.

27. Notwithstanding the provisions of clause 6 of these regulations, the Inspector may exempt any rest home from employing graduate nurses.

Copy of an Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 18th day of August, A.D., 1938:

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the attached regulations made by the Minister of Health, pursuant to Section 127 of *The Public Health Act*, respecting camps, works and premises and the employers and workmen thereof in Territorial Districts without municipal organization, be approved, and that the regulations approved by Your Honour on April 17th, 1934, pursuant to Section 119 of *The Public Health Act*, be repealed.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

REGULATIONS RESPECTING CAMPS, WORKS AND PREMISES AND THE EMPLOYERS AND WORKMEN THEREOF IN TERRITORIAL DISTRICTS WITHOUT MUNICIPAL ORGANIZATION

Pursuant to Section 127 of *The Public Health Act.*

Interpretation

1. In these regulations—

"Camp" shall mean any camp, works or other premises established to house workmen employed in any lumbering, mining or other work or occupation, and shall include a standard camp;

"Contract physician" shall mean a legally qualified medical practitioner who has entered into a medical contract or a sanitation contract with an employer.;

"Employer" shall mean an employer of labour in lumbering camps, mining camps, on railway construction works and other works where labour is employed;

"Inspector" shall mean a provincial sanitary inspector appointed under *The Public Health Act;*

"Medical contract" shall mean a contract entered into under these regulations between an employer and a contract physician for the medical and surgical care and treatment of the workmen of such employer;

"Sanitation contract" shall mean a contract entered into under these regulations between an employer and a contract physician for the sanitary control over and inspection of a standard camp;

"Standard camp" shall mean a camp in which more than fifteen workmen, exclusive of one foreman and one clerk, are usually housed;

"Unorganized district" shall mean those parts of the territorial districts which are without municipal organization;

"Workmen" shall mean persons including foremen and clerks in the employ of an employer in a camp.

Application of Regulations

2. These regulations shall apply and have force in every unorganized district.

Duty of Manager, Agent, Etc.

3. It shall be the duty of every employer and ever person acting on behalf of an employer as a superintendent, manager, agent, or in other supervisory capacity in charge of any camp to observe, perform and carry out these regulations and to cause these regulations to be observed, performed and carried out.

Regulations to be on file

4. A copy of these regulations shall be obtained from the inspector and kept on file in every standard camp and shall be open to inspection by every workman employed therein.

Orders and Directions by Inspector

5. (1) For the due observance, performance and enforcement of these regulations and to ensure that the proper sanitary conditions shall prevail in camps and that the health of workmen employed therein shall be safeguarded and to prevent nuisances arising or communicable diseases being spread in the unorganized districts, an inspector may make such orders and give such directions as may appear to him to be necessary and it shall be the duty of every person for the time being in charge of any camp, forthwith to comply with the terms of any such order or direction.

(2) The inspector shall send a copy of any such order or direction to the employer.

(3) The employer of any person for the time being in charge of any camp who fails to comply with any such order or direction, after notice has been given by the inspector to such person and the employer, shall be guilty of an offence and subject to the penalties set out in regulation 39.

(4) Where the inspector is satisfied that an employer or person for the time being in charge of a camp has failed or neglected to carry out any order or direction of the inspector after reasonable notice thereof, the inspector may, by an order directed to and served upon the person for the time being in charge of the camp, require that such camp be closed and that no further operations shall be carried out in such camp until the order or direction has been complied with to the satisfaction of the inspector.

SANITATION REGULATIONS APPLICABLE TO ALL CAMPS

6. An inspector may declare any camp which is not a standard camp (within the meaning of these regulations) to be a standard camp for the purpose of these regulations.

7. Every camp shall be located and established with due regard to sanitation and health, and no camp shall be located within 100 feet of any lake, stream or other water except with the written consent of an inspector.

8. Stables or buildings housing animals, attached to any camp, shall not be located less than 150 feet from any other camp building used to house workmen, or for the storage, preparation of consumption of food, or from any water supply, and shall be so located that there shall be no drainage therefrom to any water supply.

9. Manure, garbage, and refuse of every camp shall be kept, until disposed of, in a sanitary manner and as an inspector may approve, and shall be collected and conveyed to a suitable place and there buried or otherwise disposed of to the satisfaction of an inspector.

10. Every camp and all buildings, tents, structures and other erections therein shall be located, established, constructed, altered and maintained to the satisfaction and approval of an inspector.

SANITATION REGULATIONS APPLICABLE TO STANDARD CAMPS

NOTE:—Suggested plans showing the arrangement of camp buildings, details of construction and location of equipment which are intended to meet the requirements for the safeguarding of health, are appended.

11. Unless an inspector otherwise orders, a standard camp, in which the usual or expected period of employment of the workmen is in the case of mining operations for less than six months and in the case of other operations for less then four months, shall not be subject to regulations numbered 12 to 15.

12. Any person who establishes, re-establishes or re-opens a standard camp in an unorganized district, shall, before commencing operations at such a camp, notify an inspector in writing of the:

(*a*) Location, nature and accommodation of the camp;

(*b*) means of access thereto;

(*c*) Nature, extent and expected duration of the operations to be conducted at or from the camp;

(*d*) The layout of the camp, including a plan showing the location of the water supply and sewage disposal in relation to the buildings to be erected;

(*e*) Name, occupation and address of the person to be in charge of the camp and the scope of his authority;

(*f*) Medical and sanitation contracts to be entered into;

(*g*) Hospital facilities available to the workmen at the camp;

(*h*) The estimated number of workmen to be housed in the camp, and the number to be employed but not housed at the camp;

(*i*) Name and address of employer to whom communications by an inspector or the Department shall be sent.

13. Every person in charge of a standard camp shall notify an inspector in writing of any of the particulars required under the preceding regulations forthwith after the occurrence of such change.

14. Every person in charge of a standard camp shall within thirty days of its establishment, re-establishment, re-opening or closing notify the inspector in writing of the fact.

15. Every standard camp shall comply with the following specifications:

(*a*) Construction Material.—Shall be constructed of logs or lumber or other weatherproof materials.

(*b*) Roofs and Floors.—Shall be constructed of lumber, tightly fitted, unless an inspector specially permits poles to be used. The floor shall be at least one foot above the ground, which shall be properly drained.

(*c*) Walls.—Where logs are used the outer walls shall be properly chinked so as to render them weatherproof. The interior surface of the logs shall be peeled. If lumber is used the walls shall be weatherproofed with suitable material. The walls shall be at least eight feet high above the floor level.

(*d*) Windows.—There shall be one square foot of window area for every twenty square feet of floor area. All windows shall be constructed so that they may be opened or closed at all times. Roof windows shall not be located over bunks.

(*e*) Ventilation.—Every bunkhouse in a camp shall contain at least 300 cubic feet of air space for each occupant thereof, and the number of occupants in any bunkhouse shall be deemed to be the number for whom sleeping accommodation has been provided. In addition to windows there shall be in each bunkhouse a separate ventilating system consisting of one fresh air duct not less than 10″ by 6″ inside measurement to each stove. (Fig. No. 5). Ventilator outlets shall be located in the roof sufficient to provide three square inches of sectional area per occupant.

(*f*) Bunks and Bedding.—Bunks shall be separate either single or double-deck and so arranged that on at least one side of each there shall be a passage not less than eighteen inches wide and on the other side a space not less than eight inches wide. Clean ticks or mattresses in good condition and clean blankets shall be supplied in sufficient quantity and maintained in a clean and sanitary condition.

(*g*) White-Washing.—The interior of every camp or camp building shall be treated with a coat of lime-wash or other suitable material at the time of re-establishment or re-opening before it is re-occupied, or as required by an inspector.

(*h*) Cook's Quarters.—Separate quarters shall be provided for the cook and his staff. If partitioned off from the cookery a door shall be hung at the entrance to the cook's quarters.

(*i*) Storage.—A room for storing perishable foodstuffs shall be provided, and a door shall be hung at its entrance. Food shall be protected from flies at all times.

(*j*) Laundry and Washing.—Suitable washroom, bath and laundry and drying accommodation shall be provided to the satisfaction of the inspector either in a portion of the bunkhouse partitioned off or in an adjoining or separate building. Facilities for heating water shall be provided.

(*k*) Drainage.—Drainage from all sinks, wash basins and tubs shall be conveyed to a cesspool located at least twenty feet from the nearest dwelling and located so as to avoid drainage toward any source of water supply. (Fig. No. 7.)

(*l*) Privies.—There shall be provided privies adequate for the simultaneous accommodation of ten per cent. of workmen employed. Privies shall be located so as not to contaminate the water supply. They shall not be located with fifty feet of the nearest dwelling in Winter or one hundred and fifty feet in Summer unless permitted by the inspector. Where camps are operated during the summer, privies shall be made fly-proof. The type of privy used shall meet the requirements of an inspector.

(*m*) Water Supply.—If water supply is obtained from a lake or river the intake shall be located at least two hundred feet from the nearest building and in a direction upstream from the camp, and a container for drinking water shall be supplied with a well-fitting cover and tap, to prevent contamination.

Sanitation Contracts

16. No employer shall operate or maintain a standard camp unless he has entered into a sanitation contract in respect of such camp.

17. It shall be the duty of every physician entering into a sanitation contract to ensure that the standard camps covered by the contract are at all times kept and maintained in an efficient sanitary condition and that nuisances are prevented from arising or, if they arise, are promptly abated, and to carry out, observe and perform within such camps and all buildings and premises forming any part thereof, the duties of a medical officer of health under *The Public Health Act* with respect to the prevention and abatement of nuisances.

18. A contract physician entering into a sanitation contract shall, by himself or an assistant contract physician, make a thorough sanitary and health inspection of every standard camp in actual operation or use, covered by the contract, at least once a month, and oftener if required by an inspector, and shall on the first day of every month transmit to an inspector, a report of inspections made in the preceding month and according to the form provided for such purpose by the Department.

19. The inspector may by reason of difficulty of access or other sufficient cause, waive the necessity for monthly inspections of any camp to the extent he may deem advisable.

Medical, Surgical and Hospital Care of Workmen

20. (1) Every employer of workmen in a standard camp may enter into a medical contract with a contract physician for medical, surgical and hospital care of workmen in his employ, but whether or not any such contract is entered into, the duty of providing medical, surgical and hospital care and treatment and maintenance while under such care or treatment for every workman in the employ of such an employer shall primarily be and remain the responsibility of the employer subject to the limitations hereinafter set out.

(2) This regulation shall apply to all workmen employed in a standard camp whether or not such workmen are housed in the camp and whether or not such workmen reside in an unorganized district.

(3) Where an employer has entered into a medical contract, he shall notify every workman in his employ of the name and address of the contract physician.

21. (1) During the currency of a medical contract or an arrangement authorized by the Minister under subsection (6), an employer may deduct and retain from the pay or wages due to any workman entitled to the benefits of such contract a sum not exceeding $1 per month commencing from his first pay and once a month thereafter during the period of employment, and all sums so deducted and retained shall, without rebate or reduction be paid monthly by the employer to the contract physician, or as the Minister may authorize in an arrangement under subsection (6).

(2) Any employer who fails to pay to the contract physician or as authorized by the Minister under subsection (6) all sums deducted from wages of workmen for medical and surgical care shall incur a penalty of not less than twice the amount retained by the employer from the sums so deducted.

(3) The employer shall keep records showing a separate accounting of all sums deducted from the wages of workmen in his employ for medical and surgical care, and showing the disbursement of such sums, and such records shall be open to inspection at any reasonable time by the contract physician or an inspector.

(4) The Department may require statements signed by the employer showing, for such period of time as the Department may deem necessary, the number of workmen employed by the employer, the number of such workmen from whose wages any deduction for medical and surgical care has been made by the employer, the sums deducted by the employer from the wages of workmen in his employ for medical and surgical care, the sums paid pursuant to a medical contract to contract physician, the sums paid pursuant to a sanitation contract to a contract physician, and the sums paid pursuant to an arrangement authorized by the Minister under subsection (6).

(5) The Department may authorize any inspector or any officer of the Department to inspect and audit the payrolls and books of any employer insofar as they are affected by these regulations.

(6) In the case of an employer who usually employs more than five hundred workmen, the Minister may authorize an arrangement whereby the employer may use the sums deducted from the wages of workmen in his employ for the establishment of an industrial medical service, including such particulars as the Minister may direct and authorize.

22. (1) Every contract physician entering into a medical contract with an employer shall supply medical and surgical care, treatment and medicine to every workman of the employer entitled thereto under the terms of the contract and in accordance with these regulations unless the contract as approved by the Department specifies otherwise.

(2) Every contract physician shall report at the end of each month to the Department on the physician's report form all cases of sickness and non-industrial accidents among employees under his care.

(3) Every contract physician who employs or engages any other physician to perform any services other than consultant services in connection with a medical contract shall notify the Department and the Department may require the employer, contract physician and other physician, or any of them, to furnish such information as may be necessary and may require further or other contracts to be entered into.

23. The contract physician shall cause a notice to be posted in a camp a reasonable time in advance of his visits to such camp so that the workmen in the camp may have an opportunity to consult him.

24. (1) Every employer shall provide facilities for the isolation of workmen suffering from a communicable disease, to the satisfaction and approval of an inspector, and the employer or contract physician shall arrange for general hospital accommodation and facilities where necessary for the treatment of workmen suffering from sickness or injury.

(2) The employer shall provide and pay for transportation of any workman when necessary for medical and surgical treatment to which he is entitled under these regulations.

25. Within a reasonable time after the admission of any workman as a patient in a public hospital, the superintendent of the hospital shall notify the employer of the workman of such admission, giving such particulars as may be ascertainable to enable the employer to identify the employee, and in the event that the superintendent neglects to notify the employer, the Department may exempt the employer from any liability imposed upon him by these regulations for the maintenance charges for maintaining the workman in the hospital.

26. The responsibility and liability of an employer under the provisions of regulations 20 to 24 shall be subject to the following limitations:

(*a*) In cases where the workman has been in his employ for less than three months out of the six months immediately preceding the need for medical, surgical or hospital care arising, and the illness and consequent inability to work is the result of a chronic or degenerative disease or of an infection or defect arising prior to the commencement of employment, the employer shall be responsible only to return and pay the cost of return of the workman to the municipality in which he was last resident in Ontario within the meaning of *The Public Hospitals Act*, or, in the event of no such residence existing and the workman being without means, the employer shall be responsible for returning and paying the cost of return of the workman to the place from which he was engaged, and for providing such medical care and treatment and maintenence as the workman may need until he is returned to such municipality or other place.

(*b*) In cases where any workman has been in his employ for three months or more out of the six months immediately preceding the need for medical, surgical or hospital care arising, the employer shall be responsible and liable for providing such care and for maintenance of the workman for a period not exceeding ninety days.

(*c*) In cases where the workman becomes ill and by reason thereof, need for medical, surgical or hospital care and treatment arises within ninety days after the workman has ceased employment with the employer, and such illness is proved to have originated or been occasioned during the course of such employment, and such workman is an indigent person, the employer shall be responsible and liable for such medical, surgical and hospital care and for the maintenance of the workman within the period of ninety days after such workman has ceased employment and not afterwards.

(*d*) The employer shall not be liable for the payment of the charges for treatment of any workman in a sanatorium under *The Sanatoria for Consumptives Act.*

(*e*) In cases where the workman is suffering from an accident for which the employer is not responsible under *The Workmen's Compensation Act*, the employer shall be responsible and liable for medical and surgical care, and treatment and maintenance except maintenance in a public hospital.

27. Any dispute which may arise between any workman, employer or contract physician with respect to the responsibility or liability of an employer or the contract physician for the medical, surgical or hospital care or for the maintenance of the workman under the provisions of these regulations, may be referred to the Department by the workman, employer or contract physician and the decision of the Department therein evidenced by its certificate shall be final and binding on all persons affected thereby and shall not be open to question.

28. Nothing in these regulations shall in any way render an employer or a contract physician responsible or liable for the medical, surgical or hospital care and treatment or for the maintenance of any workman in cases where the illness or injury of such workman arises as a result of acute alcoholism, drug addiction or venereal disease.

29. Nothing in these regulations shall in any way relate to or affect matters of compensation determinable under *The Workmen's Compensation Act*, or render an employer or a contract physician responsible or liable for medical, surgical or hospital care and treatment or for the maintenance of any workman in cases to which the said Act applies.

30. Any employer of workmen who makes any deduction from the wages of such workmen for medical, surgical or hospital care shall be subject to the provisions of regulations 20 to 29 to the same extent as an employer of workmen in a standard camp.

MEDICAL AND SANITATION CONTRACTS

31. (1) The Department may prescribe the form of sanitation contract to be entered into between an employer and a contract physician pursuant to these regulations, and may permit variation from such form in any case where the Department is of opinion that the circumstances so warrant.

(2) Every employer entering into a medical contract or sanitation contract with a contract physician shall transmit by registered post to the Department or an inspector a copy of such contract signed by the parties thereto within thirty days after the same has been executed and shall notify the Department or an inspector at the same time that the contract physician is notified of cancellation or expiration of the contract.

32. (1) Every medical contract and sanitation contract entered into pursuant to the regulations shall be subject to the approval of the Department and shall be amended or determined as the Department may at any time require, provided, however, that, except as in the next subsection and in regulation 33 is provided, the Department shall specify the amendments or determination which it may require within thirty days after the copy of the contract entered into has been transmitted by registered post to the Department or an inspector.

(2) If the Department is not satisfied that any employer entering into a medical contract or a sanitation contract is in fact the employer of the workmen, the Department may refuse to approve or may revoke any such contract.

(3) In any case, approval of a medical contract shall be given only after a sanitation contract has been submitted to the Department.

33. Notwithstanding the provisions of the preceding regulation or the terms of any medical contract or sanitation contract, the Department may, by reason of neglect or inability on the part of the contract physician to observe, perform or carry out the terms of such contracts or the provisions of *The Public Health Act* and the regulations made thereunder either from the distance at which he resides or practises from the camp or for any other cause which the Department deems sufficient, require the contracts to be determined and cancelled as of date set by the Department.

COMMUNICABLE DISEASES AND NUISANCES

34. Every employer establishing or operating a camp and every contract physician shall, in addition to any other duties or responsibilities cast upon him under these regulations, have, observe, and perform the same duties, obligations and responsibilities with respect to communicable diseases and their care, prevention and abatement as lies upon a householder and attending physician respectively under the provisions of *The Public Health Act* and regulations made thereunder.

35. Every employer establishing or operating a camp shall, in addition to any other duties or responsibilities cast upon him under these regulations, have, observe, and perform the same duties, obligations and responsibilities with respect to nuisances and their prevention and abatement as lies upon the owners or occupants of premises under the provisions of *The Public Health Act* and regulations made thereunder.

36. Upon an outbreak or suspected outbreak of any communicable disease occurring in any camp, the employer who established or operates such camps shall forthwith notify the contract physician, if any, and an inspector, and every contract physician who is or is made aware of any such outbreak shall forthwith notify the inspector.

37. (1) Upon an outbreak or suspected outbreak of any communicable disease occurring in any camp, every workman shall upon the request of an inspector, forthwith furnish to the inspector evidence satisfactory to the inspector that he has been successfully vaccinated or re-vaccinated within a period of seven years immediately preceding such request and evidence satisfactory to the inspector that he has been inoculated against typhoid and para-typhoid fevers within a period of two years immediately preceding such request.

(2) If an inspector, after such request has been made by him, is not satisfied that every workman in a camp has been so vaccinated or re-vaccinated, he may quarantine such camp and every person therein until he is so satisfied, and any person not observing the quarantine placed upon the camp or upon him shall be guilty of a breach of these regulations.

OFFENCES AND PENALTIES

38. Any employer who signs any return, report or statement required by the Department, knowing or having reason to know that any such return, report or statement contains any false information or statement of fact, shall be guilty of an offence and subject to a penalty of not less than $200 for the first offence and not less than $500 for any subsequent offence.

39. Any employer or contract physician who contravenes any provision of these regulations for which no other penalty is provided or fails or neglects to carry out or obey any order or direction lawfully made by an inspector shall incur a penalty of not less than $25 nor more than $200 for each offence.

40. Any person other than an employer or contract physician who contravenes any provision of these regulations for which no other penalty is provided or fails or neglects to carry out or obey any order or direction lawfully made by an inspector shall incur a penalty of not less than $5 nor more than $100 for each offence.

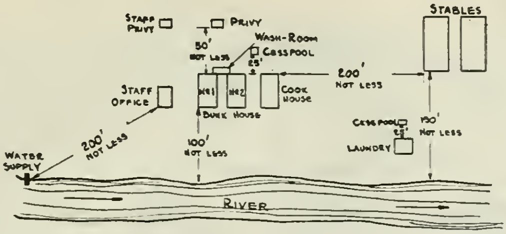

Staff Privy
Privy
50' not less
Wash-Room
Cesspool
25'
200' not less
Stables
Staff Office
No 1
No 2
Cook House
Bunk House
Cesspool
25'
150' not less
Laundry
Water Supply
200' not less
100' not less
River

Fig. 1
Location Plan
Camp for 100 Men

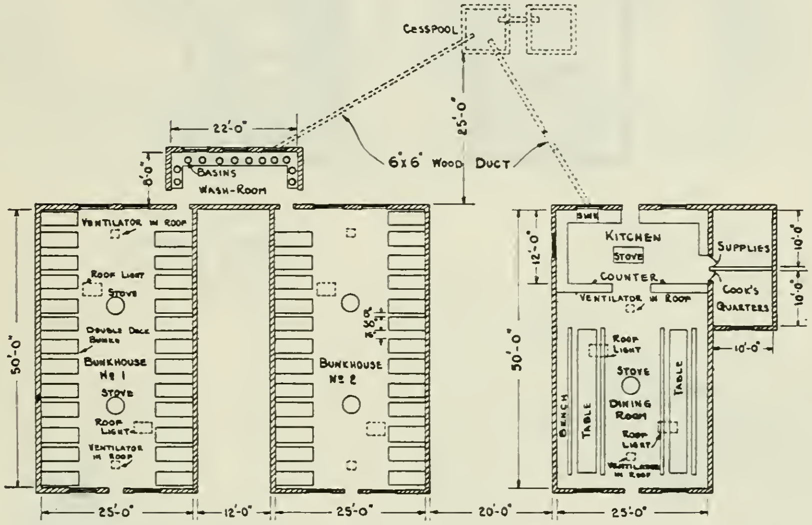

Cesspool
22'-0"
8'-0"
25'-0"
6"x6" Wood Duct
Basins
Wash-Room
Ventilator in Roof
Roof Light
Stove
Double Deck Bunks
Bunkhouse No 1
Stove
Roof Light
Ventilator in Roof
Bunkhouse No 2
6"
30"
16"
50'-0"
Sink
Kitchen
Stove
Counter
Supplies
Cook's Quarters
Ventilator in Roof
Roof Light
Stove
Bench
Table
Dining Room
Table
Roof Light
Ventilator in Roof
12'-0"
50'-0"
10'-0"
10'-0"
10'-0"
25'-0"
12'-0"
25'-0"
20'-0"
25'-0"

Fig. 2
Bunkhouses & Cookery
Camp for 100 Men
Plan

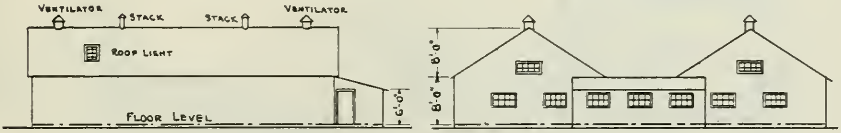

Ventilator
Stack
Stack
Ventilator
Roof Light
Floor Level
6'-0"
8'-0"
8'-0"

Fig. 3
Bunkhouses - 100 Men Camp
Elevation

Suggested Plan for the Construction of a Camp for 100 Men.

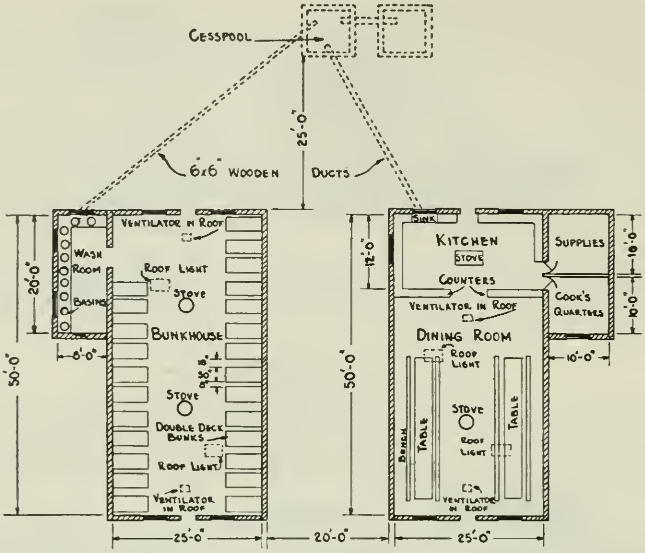

Cesspool
6"x6" Wooden
Ducts
25'-0"
Ventilator in Roof
Wash Room
Roof Light
Stove
Basins
Bunkhouse
20'-0"
8'-0"
50'-0"
18"
30"
8"
Stove
Double Deck Bunks
Roof Light
Ventilator in Roof
25'-0"
20'-0"
Sink
Kitchen
Stove
Supplies
Counters
Cook's Quarters
12'-0"
10'-0"
10'-0"
Ventilator in Roof
Dining Room
Roof Light
50'-0"
10'-0"
Bench
Table
Stove
Table
Roof Light
Ventilator in Roof
25'-0"

Fig. 4
Bunkhouse & Cookery
Camp for 50 Men
Plan

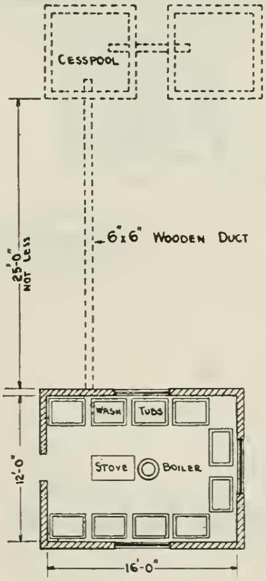

Cesspool
6"x6" Wooden Duct
25'-0" not less
Wash
Tubs
Stove
Boiler
12'-0"
16'-0"

Fig. 6
Laundry
All Permanent Camps

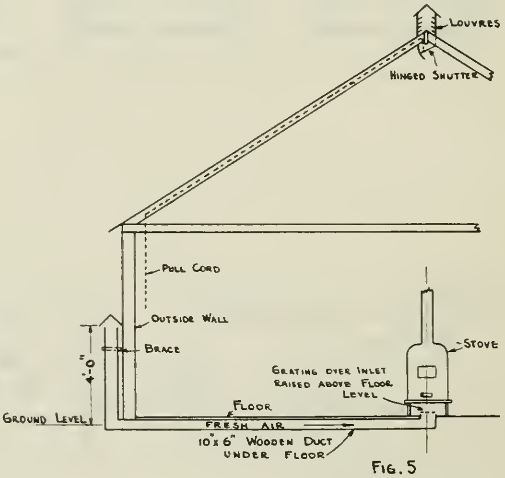

Louvres
Hinged Shutter
Pull Cord
Outside Wall
Brace
4'-0"
Stove
Grating over Inlet raised above Floor Level
Floor
Ground Level
Fresh Air
10"x6" Wooden Duct under Floor

Fig. 5
Ventilation Details
All Permanent Camps

Suggested Plan for Construction of a Camp for 50 Men, Including Details for Ventilation.

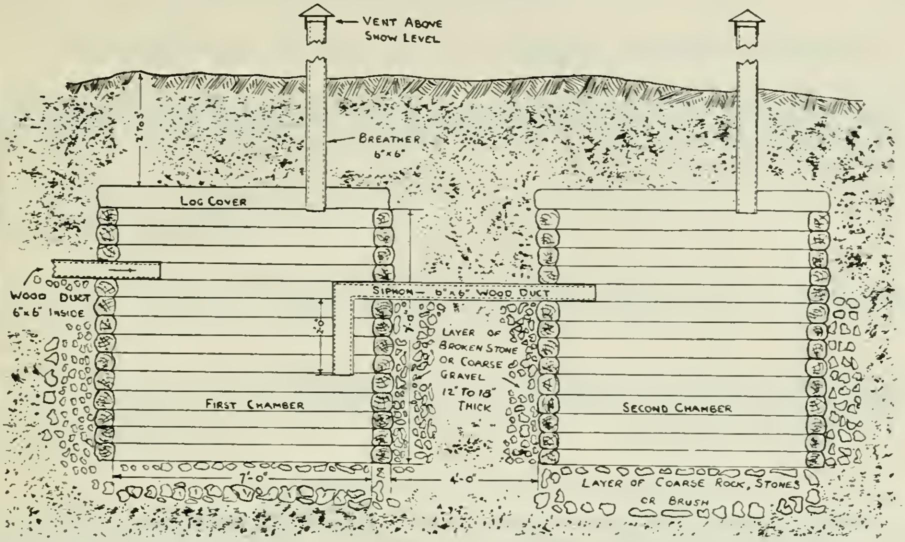

Vent Above Snow Level
2 to 3'
Breather 6"x6"
Log Cover
Wood Duct 6"x6" Inside
Siphon — 6"x6" Wood Duct
Layer of Broken Stone or Coarse Gravel 12" to 18" Thick
First Chamber
Second Chamber
7'-0"
4'-0"
Layer of Coarse Rock, Stones or Brush

Fig. 7
Double Cesspool
All Permanent Camps

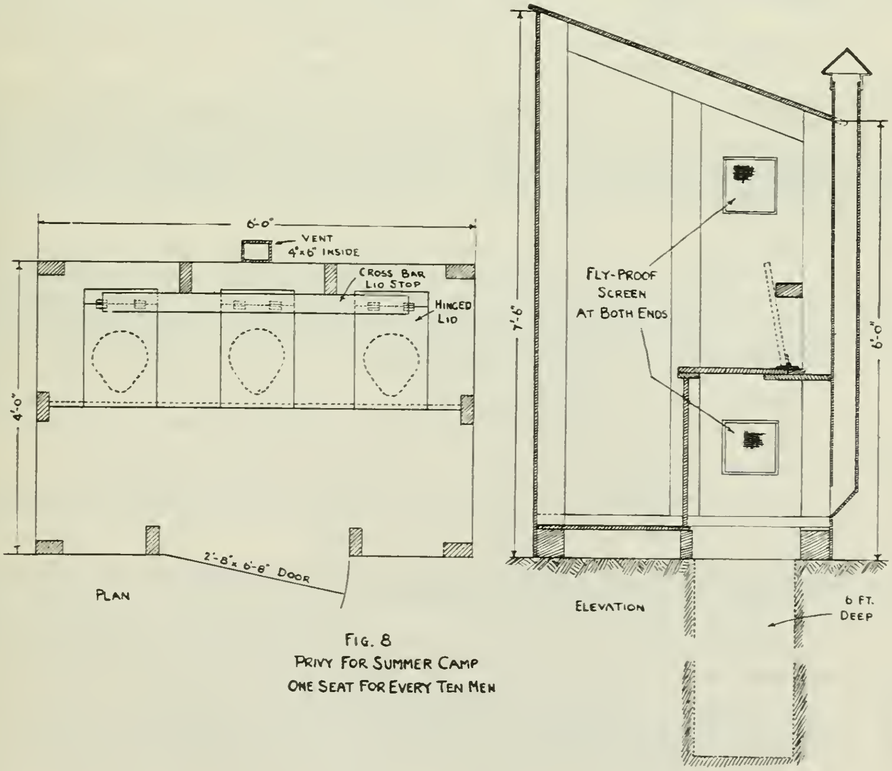

6'-0"
Vent 4"x6" Inside
Cross Bar Lid Stop
Hinged Lid
4'-0"
2'-8" x 6'-8" Door
Plan
7'-6"
Fly-Proof Screen At Both Ends
6'-0"
Elevation
6 Ft. Deep

Fig. 8
Privy For Summer Camp
One Seat For Every Ten Men

Suggested Plan for the Construction of Cesspool and a Privy.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 24th day of June, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that pursuant to clause (zb) of Section 5 of *The Public Health Act*, as enacted by *The Public Health Amendment Act, 1938*, the attached regulations, entitled "Milk Pasteurization Plants" be approved.

Certified,

C. F. Bulmer,

Clerk, Executive Council.

MILK PASTEURIZATION PLANTS

Regulations

Made by the Minister of Health pursuant to *The Public Health Act*, and approved by the Lieutenant-Governor in Council the 24th day of June, 1938.

1. In these Regulations:

(*a*) "Department" shall mean Department of Health.

(*b*) "Distributor" shall mean any person who engages in and carries on the business of distributing and selling milk to the consumer, either directly or through resale by a peddler or storekeeper, and, except, as provided by these regulations shall include a peddler, storekeeper, producer-distributor and any other person who retails milk to the consumer;

(*c*) "Employee" shall mean every person employed in a pasteurization plant or milk plant;

(*d*) "Operator" shall mean every person who by himself or by his agents owns or operates a pasteurization plant.

(*e*) "Pasteurization" shall mean the prcoess of heating every particle of milk to a temperature of not less than 143 degrees Fahrenheit, of holding it at such temperature for not less than 30 minutes, and of cooling it immediately thereafter to 50 degrees Fahrenheit or lower in a manner and with equipment and apparatus approved by Department of Health, and every term of like import shall have a corresponding meaning;

(*f*) "Pasteurizing Plant" shall include every plant in which milk is pasteurized and every building, machine, apparatus, equipment and appurtenance employed in or necessary for the pasteurization, heating, storing, cooling, processing, packaging or in any way handling milk in such plant, and forming part of or connected with such plant, provided that where milk is pasteurized in any part of a plant the entire plant shall be deemed to be a pasteurization plant;

(*g*) "Peddler" shall mean and include any person who for resale to the consumer, purchases milk from a distributor and distributes and sells such milk to the consumer;

(*h*) "Person" shall include partnershop, association firm and corporation;

(*i*) "Producer" shall mean and include any person who produces milk which is sold for human consumption;

(*j*) "Producer-Distributor" shall mean a producer who distributes and sells to the consumer, milk of which he is the producer;

(*k*) "Processor" shall mean and include any person carrying on the business of pasteurizing, homogenizing, bottling or in any other way processing milk for human consumption;

(*l*) "Storekeeper" shall mean and include any person who from or at a store or shop kept by him sells or offers for sale milk to the consumer, which milk has been purchased for resale from a licensed distributor;

(*m*) "Director" shall mean the Director of the Sanitary Engineering Division of the Department of Health, or any other person designated by the Minister to act for him.

Condition for Issuance of Certificate of Approval of Pasteurizaton Plant.

2. (1) Upon proof satisfactory to the director that any pasteurization plant has complied with the requirements of these regulations, the director shall issue a certificate of approval in the prescribed form.

(2) Every certificate shall expire on the last day of the calendar year in which the certificate is issued, and may be renewed by the director if he is satisfied that the plant has complied with these regulations.

(3) The Department may suspend or revoke any certificate or renewal thereof if the Department is satisfied that the plant for which the certificate is issued does not comply with any provisions of these regulations.

Forms

3. The form in the schedule to these regulations entitled "Approval of Pasteurization Plant" is hereby approved as the certificate of approval referred to in clause (zb) of Section 5 of *The Public Health Act*.

Pasteurization, Etc., Subject to Approval.

4. Every pasteurization plant, every pasteurization, and every operation connected with the handling of milk shall be subject to the inspection and approval of the Director or any officer of the Department.

Use of Word "Pasteurization"

5. No person shall use any word or term stating or indicating, either verbally or in writing, that such milk is pasteurized unless such milk has been pasteurized and handled in a pasteurization plant in accordance with the provisions of these regulations.

Establishment, Etc., of Plant.

6. (1) No person shall establish, erect, reconstruct, alter or enlarge a pasteurization plant unless the approval of the Department has been obtained.

(2) Where an application for approval is made under subsection (1) the applicant shall furnish to the Department a copy of the plans and specifications therefor together with such other material and information as the Department may require.

Buildings and Location

7. (1) The location of every pasteurization plant shall be satisfactory to the Department and shall be free from any objectionable conditions including smoke, fumes, dust, odours, flies, and other conditions of nature which might injuriously affect the quality of the milk, and there shall be ready access to and from every building.

Construction of Buildings

8. The buildings shall be of substantial construction, of adequate size for the operations involved, free from excessive dust, readily cleaned and well lighted.

Doors and Windows

9. (1) All outside openings in every building forming part of a pasteurization plant shall be effectively screened, or otherwise protected against the entrance of flies during the period from May 1st to November 1st.

(2) Window and door screens shall be tight-fitting and shall be kept in good repair, and all doors shall be equipped as far as possible with self-closing devices.

(3) Openings through which cans, crates and other articles are passed in rapid succession shall be equipped with flaps, fans or similar devices to exclude flies.

(4) Such additional precautions for the control of flies as may be reasonably necessary or as the Department may require, shall be provided.

LIGHTING AND VENTILATION

10 (1) Every room in which the processing or handling of milk is conducted or in which equipment is operated shall be adequately lighted by natural or artificial light or both.

(2) Every room shall be adequately ventilated through windows, doors or ventilating ducts so as to prevent water of condensation forming on walls, ceiling and equipment.

FLOORS, WALLS AND CEILINGS

11. (1) The floors of every room in which milk is handled or stored shall be constructed of concrete, tile, brick, or other good quality, impervious material and the surface shall be smooth, readily cleaned, sloped to convenient outlets, and free from joints and depressions in which water or dirt may collect and the joints between walls and floors shall be covered.

(2) Floors shall be kept clean and free from materials and equipment not regularly used in the room.

(3) Suitably trapped drains of sufficient size and so located as to rapidly remove drainage shall be provided.

(4) The walls and ceilings of rooms in which milk is handled or stored shall have smooth surfaces of impervious and washable material, light in colour, and such surfaces shall be kept clean.

ROOMS IN PASTEURIZATION PLANTS

12. (1) Separate rooms shall be provided in every pasteurization plant for:

(*a*) Pasteurization, cooling and bottling operations;

(*b*) Washing and bactericidal treatment of containers and miscellaneous equipment.

(2) Cans of unpasteurized milk shall not be unloaded directly into or stored in the pasteurizing room.

(3) Self-closing doors as far as possible shall be provided on the pasteurizing room, and such doors shall not open directly into any stable, garage, or living quarters.

(4) Cleaned utensils and containers shall be stored in a room or compartment which is kept free from flies, dust, odours and other contamination.

FACILITIES FOR USE OF EMPLOYEES

13. (1) Every pasteurization plant shall, for the purposes of the employees, be equipped with:

(*a*) Adequate soap and hot and cold water;

(*b*) Clean towels or towels of such kind and quantity that not more than one employee shall use the same towel;

(*c*) Washing facilities which shall be conveniently located and shall not be used in any way in the operation of the pasteurization plant or the handling of milk;

(d) Such toilet rooms as may be necessary and such rooms shall be conveniently located, properly equipped, of a sanitary condition, in good repair, provided with adequate ventilation and lighting, and shall not open directly into any room in which milk, equipment or containers are used, or handled, and where privies are used they shall be separated from any other building, fly-tight and equipped with self-closing doors.

WATER SUPPLY

14. Adequate and satisfactory water and drainage facilities shall be provided.

DISPOSAL OF WASTES

15. (1) All wastes and drainage from the operation of any pasteurization plant shall be disposed of in a sanitary manner.

(2) Refuse shall not be permitted to accumulate in the building or on or near the premises except in properly covered containers or receptacles.

(3) Stables shall not be erected or maintained in such proximity to the pasteurization plant as to adversely affect the process, and all manure and garbage shall be treated with fly larvicide during the fly season.

HANDLING, PROCESSING AND STORAGE EQUIPMENT

16. The equipment and containers used in the handling, processing or storage of milk shall be so constructed and kept in repair as to facilitate cleaning and bactericidal treatment, and any surfaces of such equipment and containers with which milk comes in contact shall be of smooth, non-corroded metal or vitreous material, free from accumulation of milk solids and other foreign substances, self-draining and readily accessible for cleaning, and every joint in any such equipment or container shall be made flush with the surface or otherwise constructed so as to avoid open seams.

17. (1) Every pasteurization plant shall have equipment of sufficient capacity for the maximum output of the plant.

(2) Any equipment used for processing or storing milk shall be constructed of such material and so maintained as not to adversely affect the quality or taste of the milk.

(3) Holding vats shall be adequately insulated to prevent undesirable heat losses.

(4) Tight fitting covers shall be provided for the equipment, and shall be so arranged as to prevent the entrance of drainage or water of condensation from the outside into the milk, when in either the open or closed position.

(5) Milk receiving vats shall be so placed and protected as to prevent contamination of the milk.

VALVES AND PIPE CONNECTIONS

18. Every inlet and outlet valve and pipe connection to pasteurization holders shall meet the following requirements:

(*a*) Every valve and pipe line used in inlet and outlet connections on pasteurizers or holders shall be of metal not affected by milk to the extent of corroding or pitting the material, and shall not affect the flavour of milk by electrolysis or by other means;

(*b*) Every surface in contact with the milk shall be smooth and free from pits, crevices, cracks, open seams or threads;

(*c*) Passages shall be constructed to prevent pocketing;

(*d*) Every part shall be readily disassembled for cleaning;

(*e*) Every inlet valve shall be of the leak-protector type and every inlet valve and connection shall be so constructed and located as to prevent leakage or short circuiting of unpasteurized milk into the pasteurized, or into a pasteurizer or holder other than that being filled;

(*f*) Every groove on an inlet valve for diverting leakage shall be of ample dimensions and so arranged to permit free drainage;

(*g*) Every pipe line between any inlet valve and pasteurizer or holder shall be as short as possible and shall be sloped or otherwise arranged to drain freely;

(*h*) Every outlet valve shall be of the leak-protector type and shall have the valve seat either flush with the inner wall of the pasteurizer or so closely coupled that all milk in the valve pocket is within the influence of the agitation created by the stirring equipment;

(*i*) Every outlet valve shall prevent leakage past the valve seat into the milk outlet, and grooves for diverting leakage shall be of ample dimensions and so arranged to permit free drainage;

(*j*) Sterilizing connections shall be provided where the construction of the outlet valve makes this necessary and they shall be non-clogging and shall not terminate in a channel through which milk is flowing;

(*k*) Valves shall be provided with necessary stops and guides to insure proper operation.

Milk Piping

19. Milk piping and connections shall meet the following requirements:

(*a*) The piping and connection shall be of such size and material that they may be readily cleaned;

(*b*) The piping and connections shall be smooth, free from corrosion and all joints shall be soldered flush;

(*c*) The length of piping shall be reduced to a minimum;

(*d*) No piping, pumps, or equipment shall be used for both unpasteurized and pasteurized milk.

Thermometers

20. (1) Both indicating and recording thermometers of satisfactory type shall be installed and used on each holder in which the holding time is not automatically controlled and in both inlet and outlet manifolds of vat, pocket or continuous flow installations in which the milk is brought to the final pasteurization temperature before entering the holder and in which the time is automatically controlled.

(2) The bulbs of the indicating thermometer and the recording thermometer shall be as close together as practicable.

(3) Indicating thermometers shall be easily read and shall be accurate within one-half of one degree Fahrenheit.

(4) Recording thermometers shall be moisture-proof, easily read, with scale divisions of not less than one-sixteenth of one inch for each degree between 140 and 145 degrees Fahrenheit, and the smallest time-scale division shall not exceed ten minutes and every chart shall be graduated for and shall make one revolution in 12 hours.

Foam in Pasteurizers

21. The equipment used in milk processing shall be such as to preclude as far as possible the formation of foam in pasteurizers or holders and where foam collects in milk holders means shall be employed to keep the atmosphere above the milk at a temperature at least 5 degrees Fahrenheit higher than the pasteurizing temperature.

Milk Filters

22. Milk shall be filtered or strained before pasteurization only and no filters, other than metal screens, shall be placed on the outlet side of the pasteurizer or be used on milk after pasteurization.

Milk Coolers

23. (1) Milk cooling equipment shall be provided of sufficient capacity and type to cool the milk from each pasteurizer or holding vat in a period not exceeding one and one-half hours.

(2) The temperature of the pasteurized milk shall not be reduced to lower than 120 degrees Fahrenheit before passing through the cooling equipment.

(3) The milk shall be cooled to 50 degrees Fahrenheit or lower within a period not exceeding one and one-half hours and held at or below this temperature until delivery.

(4) Surface coolers shall be built of suitable material and so constructed as to afford ready access for cleaning and provision shall be made to prevent water of condensation coming in contact with the milk or the cooling surfaces.

(5) Any open surface coolers shall be either located in separate well-ventilated rooms, free from flies, dust, drip, splash, manual contact and other sources of contamination, or provided with tight fitting covers or shields, and such covers or shields shall be so arranged as to afford ready access for cleaning the cooler.

· (6) Regenerative heater-coolers shall be so constructed and maintained as to prevent access of the unpasteurized milk into the pasteurized milk.

(7) Solder shall not be used on the metal separating the pasteurized milk from the unpasteurized milk.

BOTTLING EQUIPMENT

24. Milk shall be bottled and capped at the plant where pasteurization takes place and in accordance with the following conditions:

(*a*) Bottling shall be done in mechanical equipment which can be readily cleaned and which does not expose the milk to contamination during the operation;

(*b*) The equipment and the operation shall be such that a uniform mixture of the milk is added to each bottle;

(*c*) No unpasteurized milk shall be bottled or come in direct contact with bottling equipment used for pasteurized milk.

CAPPING EQUIPMENT

25. Bottles shall be capped by mechanical equipment and hand capping shall not be permitted.

COLD STORAGE FACILITIES

26. Adequate cooling facilities and cold storage shall be provided in the pasteurization plant for the pasteurized milk and that held in storage prior to processing.

CLEANSING EQUIPMENT

27. Containers and other equipment used in the processing or handling of milk shall be washed and disinfected in equipment satisfactory to the Department.

PASTEURIZATION

28. (1) The operation of the pasteurizer or holding vat shall be such that the variation in temperature between the hottest and coldest sections of the milk shall not exceed one degree Fahrenheait.

(2) The temperature of the milk in the pasteurizer at any time shall be taken as that shown on the indicating thermometer rather than the recorder.

(3) The temperature shown by the recording thermometer shall be checked daily by the operator against the indicating thermometer and shall be adjusted to read at no time higher than the indicating thermometer.

(4) The bulbs of the thermometers shall be placed as close together as practicable and at the point of lowest temperature in the pasteurizer or holder.

29. (1) No recording chart shall be used for a period which will interfere with the clarity of the record or which will permit over-lapping of graphs.

(2) The person in charge of the recorder shall sign every chart and shall see that the following information is recorded thereon:

(*a*) The date of each operation of the pasteurizer or holder;

(*b*) The number of the pasteurizer or holder, if more than one is in use, to which the recorder was attached;

(*c*) A recording of the indicating thermometer at some time corresponding with a marked point in the holding period.

(3) Where more than one recording thermometer is in use, the chart shall be numbered in such a manner as to indicate the recording thermometer which was used for such chart.

(4) The operator shall keep every chart for a period of three months after the date thereof.

30. The cover of the pasteurizer shall be kept closed, during the holding period and until the milk is removed, except in case of emergency.

31. (1) Any milk which has been contaminated subsequent to pasteurization shall be repasteurized, but milk which has come into contact with contaminated machinery or has overflown from routine operations shall not be used for domestic consumption.

(2) If any milk accidentally passes through equipment without proper treatment such equipment shall be sterilized before it is used again.

32. (1) Any equipment used for pasteurization and subsequent handling of the milk shall be given a bactericidal treatment by steam, hot water or other disinfectant approved by the Department when assembled, immediately prior to the day's operations.

(2) Every valve shall be thoroughly steamed or disinfected before being used.

33. (1) No piping, pumps or equipment with which pasteurized milk comes into contact shall be used in the handling of unpasteurized milk or other contaminated material, nor shall any connection be permitted between unpasteurized and pasteurizee milk.

(2) Every valve and pipe connection to or from a pasteurizer or holder shall be dicconnected during the holding period, and when not in actual use.

Cooling Milk Before Pasteurization

34. Milk which is or is likely to be held for more than two hours in the plant before pasteurization shall be cooled to 50 degrees Fahrenheit or lower upon arrival, and shall be held at such temperature until pasteurization begins.

Unpasteurized and Pasteurized Milk in the Same Plant

35. No unpasteurized milk shall be bottled in any pasteurization plant or placed in containers for delivery to consumers.

Products Other than Milk

36. No products other than milk products and products of which milk is a substantial component shall be handled or processed in a pasteurization plant unless equipment entirely separate from equipment used in pasteurization is used and the handling or processing is carried on in a separate room.

Cleaning of Equipment in the Plant

37. (1) Every container and any equipment which comes into contact with or is used in the handling of milk shall be thoroughly cleaned and subjected to effective bactericidal treatment after each use, and at least once each day.

(2) All demountable apparatus including piping, pump parts, valves and pipe fittings shall be taken down daily for cleaning, and after cleaning shall be stored on racks or other places protected from contamination.

(3) Every can, tank and other container used for transporting milk to a pasteurization plant shall be thoroughly cleaned and subjected to effective bactericidal treatment before leaving the plant, and such can, tank and other container shall not be used for transporting milk or other products from the pasteurization plant.

Storage and Handling of Containers

38. (1) All bottles, cans, containers and equipment shall be stored, after cleaning, in such manner as to protect against drainage, dust, flies and other contamination.

(2) During storage and when in operation the interior of every container and any surface thereof exposed to milk shall be protected against manual contact and other sources of contamination.

(2) During storage and when in operation the interior of every container and any surface thereof exposed to milk shall be protected against manual contact and other sources of contamination.

STORAGE OF BOTTLES AND CAPS

39. All bottle caps and other paper or parchment which comes into contact with milk shall be purchased and stored in sanitary tubes or cartons, and shall be kept free from contamination and in a clean dry place until used.

QUALITY OF MILK REACHING THE PLANT

40. (1) Unpasteurized milk reaching a pasteurization plant for pasteurization or processing shall be clean, cool and of good quality.

(2) Any milk which is tainted, soured, unpalatable, or otherwise unsatisfactory shall be rejected at the pasteurization plant, and shall be returned to the shipper or disposed of at his direction.

41. (1) Milk which is to be, or is intended to be pasteurized shall be cooled within two hours after milking to a temperature of 50 degrees Fahrenheit or lower, and the milk reaching the pasteurization plant, unless to be pasteurized within two hours after milking, shall not have a temperature higher than 60 degrees Fahrenheit.

(2) Where there is a long interval between milking and delivery to the plant the temperature shall be kept below 50 degrees Fahrenheit.

DELIVERY OF MILK

42. All milk, except that sold in wholesale quantities, shall be delivered in glass bottles or other containers satisfactory to the Department, and every such container shall be labelled with the word "pasteurized," and the name of the operator in capital letters of eight point size or larger.

43. (1) Every vehicle used for transportation or delivery of pasteurized milk shall be so constructed and maintained as to protect the milk from excessive heat and contamination.

(2) Every such vehicle shall be kept clean and shall not be used for transporting anything likely to cause contamination of the milk or the containers.

PERSONNEL IN PASTEURIZATION PLANTS

44. Every pasteurizing and processing operation shall be under the direct supervision of a person having an adequate knowledge of such operations.

45. (1) Every person whose work brings him into contact with the pasteurizing, processing or handling of milk, or the handling of containers or equipment shall be free from, and shall not be a carrier of, any disease which may be spread through the medium of milk.

(2) Every such person shall satisfy the Medical Officer of Health of the municipality of which the milk is sold or delivered as to his freedom from such diseases, and shall submit to such examinations and tests as the Medical Officer of Health or the Department may require.

(3) When any operator believes or suspects that any employee is suffering from any such disease the operator shall forthwith notify the Medical Officer of Health of the municipality in which the milk is sold or delivered.

(4) Upon evidence satisfactory to the Department that any such person has failed to satisfy any of the requirements of this section, the Department may direct the operator of the plant in which such person is employed to see that such person is not employed in any work which may bring him into contact with the pasteurizing, processing or handling of milk or the handling of containers or equipment, and every such operator shall carry out the direction of the Department.

46. (1) Any person employed in a pasteurization plant shall be clean in habits, wear clean, washable outer garments, and keep his hands clean while engaged in work.

(2) No person shall spit, smoke or use tobacco in any form in any part of the plant in which milk is processed or handled.

Certificate No .... Form P.

ONTARIO

Ontario.

THE DEPARTMENT OF HEALTH

PROVINCE OF ONTARIO

APPROVAL OF PASTEURIZATION PLANT

It is Hereby Certified that the pasteurization plant operated by ....

at...
has complied with the regulations made pursuant to clause (zb) of section 5 of *The Public Health Act*, and that the Department hereby issues its certificate of approval for the said pasteurization plant. This certificate expires on..

Dated at Toronto this ....day of...19........

Crest
and
Seal

....
Director, Sanitary Engineering Division for the
Ontario Department of Health.

Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 16th day of December, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the attached regulations being "Regulations respecting the Manufacture of Wine" made by the Minister of Health, pursuant to section 5 of *The Public Health Act, R.S.O., 1937*, chapter 299, be approved, and that the "Regulations Respecting the Manufacture of Wine," approved by Your Honour on the 17th day of December, 1930, pursuant to *The Public Health Act*, be repealed.

Certified,
C. F. BULMER,
Clerk, Executive Council.

REGULATIONS RESPECTING THE MANUFACTURE OF WINE

1. In these regulations:

(*a*) "Wine Manufacturer" shall mean and include a manufacturer of wine and a manufacturer of native wine, who holds a Native Wine License from the Liquor Control Board;
(*b*) "Wine" shall mean wine and native wine as defined by The Liquor Control Act (Ontario), and any blends of native wine;
(*c*) "Minister" shall mean the Minister of Health of Ontario;
(*d*) "Department of Health" shall mean the Department of Health of Ontario;
(*e*) "Inspector" shall mean a person authorized by the Department of Health to inspect the plant, premises, equipment and products of wine manufacturers.

2. No wine manufacturer shall be permitted to continue the manufacture, processing, or storage of wine in premises in which the sanitary conditions are not satisfactory to the Minister.

3. Where deemed necessary the Minister may issue an order to a wine manufacturer requiring him or her to:

(*a*) Make certain alterations to the plant or premises;
(*b*) Alter, procure or dispense with any wine-making equipment or material;
(*c*) Maintain satisfactory ventilation and sanitary conditions in the plant and premises;
(*d*) Provide a "man-hole" near the bottom of wine storage tanks in addition to an opening of sufficient size at the top for protection of workers and to facilitate washing.

4. Where a wine manufacturer makes an alteration or makes an addition to any building used in connection with the manufacture of wine, or where a new building is to be constructed for the same purpose, the plans and specifications must first be approved by the Department of Health.

5. An inspector may at any time enter and inspect the plant and premises of any wine manufacturer, and may seize for purposes of proof or for analysis, samples of native wine, fruit or other material found therein or thereon.

6. An inspector may order a wine manufacturer to cleanse and disinfect the plant, premises and wine-making equipment.

7. The plant, premises and equipment of a wine manufacturer shall be maintained at all times in a clean and sanitary condition, satisfactory to the inspector.

8. An inspector may order a wine manufacturer to remove from the premises any fruit which he deems unfit to be used for the manufacture of wine and any marc, pomace or other material producing or likely to produce an unsanitary condition.

9. The inspector shall furnish such information and make such reports as may be from time to time required by the Minister.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 30th day of November, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the attached regulations made pursuant to section 4 of the *Public Hospitals Act* be approved by Your Honour.

Certified,
C. F. Bulmer,
Clerk, Executive Council.

REGULATIONS

Passed by the Lieutenant-Governor in Council upon the recommendation of the Minister of Health, pursuant to *The Public Hospitals Act, 1931.*

Management and Operation

1. (1) Every hospital shall be governed and managed by a board appointed or elected in accordance with the provisions of the authority whereby the hospital is established.

(2) The president of the medical staff of the hospital shall be ex-officio a member of the board.

(3) The Board shall have power to govern, manage and operate the hospital and shall be responsible for the due observance and enforcement of the Act, the regulations, and the by-laws.

2. (1) The superintendent of a hospital shall be responsible to the board for the due observance and enforcement of the Act, the regulations, and the by-laws, and he shall be the officer representing the hospital with whom the Minister, the inspector and the other officers of the Department shall ordinarily deal with regard to hospital matters.

(2) Subject to the by-laws and direction of the board, the superintendent shall have control over the admission, discharge and accommodation to be furnished to patients.

(3) Where, in the opinion of the medical practitioner attending a patient, the condition of such patient makes it advisable for the relatives of the patient or any other persons to be present in the hospital, the superintendent shall be responsible for the notification of such relatives or other persons of the patient's condition.

3. Every board shall pass by-laws for the purpose of carrying out the provisions of the Act and the regulations, and unless the Lieutenant-Governor in Council otherwise directs, the by-laws of every board shall provide for:

(*a*) The appointment of and prescribe the functions of the superintendent;

(*b*) The appointment of and prescribe the functions of a medical and surgical advisory board and a medical and surgical staff (referred to in these regulations as the "medical staff");

(*c*) The appointment of and prescribe the functions of a nursing staff;

(*d*) The establishment of an administrative and accounting system; and

(*e*) The appointment of an auditor.

INSPECTION

4. (1) The inspector shall perform the duties assigned to him by the Minister and Deputy Minister and shall have power with respect to any hospital to:

(*a*) Administer and enforce the Act and the regulations;

(*b*) Inspect and make inquiries regarding the premises, management and operation;

(*c*) Require that returns, reports, statements and other information relating to the hospital be furnished to him or to the Minister, periodically or otherwise, by the superintendent or any other officer or member of the staff of the hospital;

(*d*) Collect and compile such information and make such reports, returns and statements as the Minister may require;

(*e*) Examine and audit books, accounts, records and funds, and, where necessary, remove them into the custody of the Department;

(*f*) Investigate the financial condition of any person who is an indigent patient and require information with respect to the financial condition of such person to be furnished by any person in possession of such information;

(*g*) Investigate any matter affecting a hospital or hospitals in general and require information with respect to any such matter to be furnished to him by any person in possession of such information.

5. Every application, report, return, statement or other written communication required to be made or furnished to the Minister, Deputy Minister, inspector or department under the Act or those regulations shall be sent to the Inspector of Hospitals, Department of Health, Parliament Buildings, Toronto.

ESTABLISHMENT—ALTERATIONS

6. (1) Every application for the approval by the Lieutenant-Governor in Council of the creation, establishment, incorporation, operation or use as a hospital of any institution, building or other premises or place shall be in writing and shall be forwarded to the inspector together with such plans, drawings, specifications, particulars and other information as the Minister may require.

(2) No hospital shall be altered by enlarging or remodelling unless the Minister has given his approval in writing, and every application therefor shall be made in writing and shall be forwarded to the inspector together with such plans, drawings, specifications, particulars and other information as the Minister may require.

(3) Every contract for the construction, remodelling, renewal, repair or demolition of a hospital shall comply with the provisions of *The Government Contracts Hours and Wages Act, 1936*.

FIRE PRECAUTIONS

7. In every hospital, there shall be a system of fire control and provision for fire extinguishment.

8. Unless exempted by the Minister, every hospital shall be equipped with an electrically or manually operated fire alarm system so installed as to effectively attract the attention of persons in every part of the hospital except those portions which the Minister may exclude from the provisions of this subsection.

9. The superintendent shall cause the nurses and employees of the hospital to be instructed as to the location and operation of fire-fighting equipment.

10. The superintendent of every hospital shall cause all nurses and employees to be regularly instructed and trained in their duties in case of a fire alarm, particularly with respect to the handling of mattresses and stretchers and the removal of patients from the hospital.

11. Such stretchers as may be required for the removal of patients from the hospital in case of fire or other emergency shall be kept in convenient locations in the hospital.

12. In every hospital there shall be at least two independent means of egress from every floor and from every separate section of a floor.

13. In every hospital all exit facilities and fire escapes shall be of a type suitable for the removal of patients in case of fire and shall be so lighted that they may be used with safety at night.

14. Nitrocellulose X-ray films shall not be used or stored in the hospital, provided that such quantity of films as may be necessary for current reference may be kept within the hospital in a fireproof container.

15. In every hospital, sheets used for tenting in steaming treatments shall be so treated that they will not burn with a flame.

16. Where possible, every hospital shall be equipped with sufficient standpipes and hose to permit of effective fire fighting in any part of the hospital, including the basement, without using hose of a greater length than seventy-five feet, and shall also be equipped with sufficient chemical or other hand-operated fire extinguishers to afford ample protection against an incipient fire in any part of the hospital.

17. The superintendent shall charge the engineer or some other qualified person with the inspection of the hospital at least once each month and such person shall submit to the superintendent on forms prescribed by the Minister, a written report on conditions pertaining to fire hazard, fire-fighting equipment and facilities and provisions for the removal of patients in case of fire or other emergency, and such reports shall be kept on file by the superintendent for a period of not less than two years.

EQUIPMENT

18. Every hospital shall be furnished and equipped in a manner and to a degree consonant with the character of and the hospitalization service carried on by the hospital.

ISOLATION

19. (1) Every hospital shall provide suitable accommodation for the temporary isolation of patients suspected of suffering from a communicable disease until a proper diagnosis can be made.

(2) When a patient is found to be suffering from a communicable disease, immediate steps shall be taken to isolate such patient to prevent the spread of the disease.

NURSING STAFF

20. Every hospital shall employ a sufficient number of registered nurses so that at least one registered nurse shall be on duty at all times.

PATIENTS' REGISTER

21. Every hospital shall keep a register of patients in the form prescribed by the Minister.

22. (1) An index number shall be issued to every patient upon his admission to the hospital, such numbers to be issued in numerical order, and all records pertaining to a patient shall be indicated by such number followed by the final two digits of the hospital year for which the number is issued.

(2) The index numbers shall commence with number one at the beginning of each hospital year, provided that a patient remaining in the hospital at the end of the hospital year shall retain the index number assigned to him upon admission.

(3) For the purposes of this regulation, a baby born in a hospital shall be deemed to be an admitted patient.

STAFF MEETING

23. (1) The members of the medical staff shall each year hold a general meeting.

(2) At such meeting the members of the medical staff shall by a majority vote:

(*a*) Determine a time and place at which a meeting of such staff shall be held each month;

(*b*) Elect a president and secretary;

(*c*) Determine the time and place of subsequent annual meetings at each of which a president and secretary shall be elected.

24. (1) The secretary shall present at each meeting a report of the professional work done in the hospital since the preceding meeting, and shall keep a record of the proceedings at each meeting.

(2) The regular business of the meeting shall include a discussion of the report submitted by the secretary, and there shall be no abstract discussion of a scientific or medical subject until such business has been determined.

(3) The secretary shall present in writing to the superintendent such report and recommendations as the staff by a majority vote may require to have made to the superintendent or to the board.

Fees

25. No medical practitioner who is a member of the staff of the hospital shall give to or receive from any practitioner any part of the fees received from a patient unless the division of such fee is clearly indicated on the account rendered the patient.

26. No medical practitioner shall charge any fee for attendance upon any patient for whose treatment the hospital receives any payment from a municipality, except where a patent is admitted to a public ward as a municipal charge, and during the course of treatment it becomes known to the superintendent that such patient is not indigent, such patient may, upon his transfer to a private or semi-private ward, select the medical practitioner who shall attend him, and the medical practitioner may then charge a fee for his attendance.

Duties in Case of Illness or Absence

27. In the event that any member of the medical staff of a hospital is unable through illness, absence or other cause, to perform his hospitals duties, he shall immediately notify the chief of the service in which he is engaged, or the president or secretary of the medical staff, who shall notify the superintendent, and such chief of service, president or secretary shall arrange for the appointment of a substitute to take care of public patients.

28. (1) Any medical practitioner who is in charge of the treatment of any private patient shall, in the event that he is unable to fulfil his duties with respect to such patient, arrange for a substitute practitioner and shall so advise the superintendent.

(2) In the event that the superintendent has reason to believe that a medical practitioner is unable by reason of illness, absence or other cause, to fiulfil his duties with respect to a private patient, the superintendent shall inform the president or secretary of the medical staff who shall notify the patient or his relatives or his friends.

Admissions

29. No person shall be admitted as a patient in any hospital without the consent of the superintendent or person acting in his place.

30. Every medical practitioner who sends any person to a hospital to be admitted as a patient therein shall be responsible for giving such information to the superintendent or person acting in his place as many be necessary to assure the protection of others from any such person who, by reason of any fact, may constitute a danger to other patients.

31. Any patient for whose treatment the hospital received any payment from a municipality shall be attended by the active medical staff and shall be assigned to the appropriate service or if there is no service division such patients shall be assigned to the active medical staff in rotation.

32. Any patient for whose treatment the hospital receives no payment from a municipality and who has no attending medical practitioner shall be assigned to members of the active medical staff on service in rotation, but in the case of any patient requiring special care, assignment shall be at the discretion of the chief of service or, if there be no division into service, at the discretion of the president of the medical staff.

Laboratory

33. A clinical laboratory shall be provided in the hospital and special examinations which cannot be made in such laboratory shall be referred to a laboratory approved by the Minister and the reports shall become part of the patient's case record.

34. (1) Any tissues or sections of tissues removed at operation or curettage shall be immediately set aside by the surgeon operating and shall be forwarded by the superintendent with a short history of the case and a statement of the findings at the operation to a laboratory approved by the Minister for examination, provided that any tooth, tonsil, frenum, hemorrhoid, finger, toe, hand, foot, arm or leg removed or amputated shall not be so forwarded unless the surgeon desires a special examination.

(2) The pathological report received from the laboratory shall become part of the patient's case record.

ORDERS FOR TREATMENT

35. Subject to the provisions of these regulations, all orders for treatment shall be in writing either on the treatment sheet or in the book provided for this purpose and shall be signed by a medical practitioner.

36. (1) Telephone orders may be dictated to persons designated by the superintendent.

(2) Such orders shall be recorded and signed by the person receiving them, with date, time and the name of the medical practitioner giving the order.

(3) Upon the medical practitioner's next attendance at the hospital any such order shall be signed by him or any medical practitioner authorized by him.

CASE RECORDS

37. A medical history, with result of physical examination and provisional diagnosis, shall be made in writing within seventy-two hours of the patient's admission to the hospital.

38. The board of every hospital shall be responsible for the preparation of a complete medical record of every patient, including identification, complaint, present history, family history, physical examination, special reports as reports of consultations, laboratory examinations, X-ray, provisional diagnosis, medical or surgical treatment, pathological findings, progress notes, reports of operations and anaesthesia, final diagnosis, condition on discharge and follow-up records, and in the event of death, a copy of the death certificate, and the board shall require the medical staff, medical internes or clinical clerks of the hospital to prepare such records.

39. No record which is the property of any hospital shall be removed or inspected, nor shall information contained therein be disclosed to any person except under the following circumstances:

(*a*) Upon the request of the superintendent of any other hospital;

(*b*) To any person upon a written request signed by the patient;

(*c*) In the event of the death or incapacity of the patient, upon a written request signed by the next of kin;

(*d*) Upon the direction of the inspector;

(*e*) For academic or teaching purposes by the medical staff of the hospital;

(*f*) Upon the order of a court of competent jurisdiction.

NOTE:—In addition to these regulations, regard should be had to section 9 of the Venereal Diseases Prevention Act, which reads as follows:

9. (1) Every person who, publicly or privately, verbally or in writing, directly or indirectly, states or intimates that any other person has been notified or examined or otherwise dealt with under the provisions of this Act, whether such statement or intimation is or is not true, in addition to any other penalty or liability, shall incur a penalty of $200, and in default of immediate payment shall be imprisoned for a period of not more than three months.

(2) Subsection 1 shall not apply to disclosures made to the Department nor to disclosures made in good faith to a medical officer of health for his information in carrying out the provisions of this Act, nor to any communication or disclosures made to a legally qualified medical practitioner or in the course of consultation for treatment for venereal disease, nor to any communication made to the superintendent of any public hospital or sanatorium, nor to any communication authorized or required to be made by this Act or the regulations.

OPERATIONS

40. No surgical operation shall be performed on any patient in a hospital without the consent in writing signed by the patient or his legally qualified representative provided, that where the patient is unable to give consent and where, in the opinion of the surgeon, delay would endanger the patient's life, such consent shall not be necessary.

41. A complete history, physical examination and written pre-operative diagnosis shall be furnished by the operating surgeon or any medical practitioner authorized by him before a patient is submitted to any anaesthetic or surgical operation, provided that where the surgeon is of opinion that the delay occasioned in obtaining such history and examination would be detrimental to the patient, he shall so state in writing and in such event the pre-operative diagnosis shall be furnished in writing and signed by the operating surgeon.

42. Every operation performed in a hospital shall be fully described in writing by the surgeon or any medical practitioner authorized by him and such written description shall form part of the patient's record.

43. Every anaesthetist shall furnish a record showing the type of anaesthetic given, amount used, length of anaesthesia and the condition of the patent following the operation.

44. Where a patient is admitted to a hospital in the condition of abortion, or threatening abortion, or where therapeutic abortion is indicated or wherever emptying of the uterus is indicated for whatever reason, two legally qualified medical practitioners shall examine the patient and shall make and sign records of their findings and recommendations before any operative interference is carried out.

45. Before any major operation is performed on any indigent patient, a member of the surgical staff shall be called into consultation and shall record his opinion in writing and such opinion shall form part of the patient's record.

BLOOD DONORS

46. Regulation numbered 47 shall not apply to friends or relatives of the patient who donate their blood free of charge.

47. In the case of every professional doner, that is, every person who receives any money for donating his blood to be transfused into any patient, the hospital shall keep a record showing:

(*a*) The name and address of the professional donor;

(*b*) The record of a blood Wasserman or blood Kahn test at least every six months;

(*c*) A record of the test showing the blood-grouping of the donor;

(*d*) The date and quantity of blood removed from such donor at each transfusion.

MATERNITY PATIENTS

48. (1) The medical pratitioner attending any maternity patient shall report to the chief of the obstetrical service, or, if there be no division into service, to the superintendent of the hospital the existence or suspected existence of puerperal sepsis or puerperal fever in any such patient.

(2) It shall be the duty of the chief of the obstetrical service, or, if there be no division into service, it shall be the duty of the superintendent to take such action as will ensure effectual isolation of any such patient.

(3) Any nurse having the care or partial care of any such patient shall be excluded from nursing any other obstetrical or surgical patient.

(4) Any maternity patient who is admitted to the hospital in labour or just prior to labour and who shows evidence of being infected shall be treated both before and after delivery in a room separated from other patients, and any nurse having the care or partial care of any such patient shall be excluded from nursing any other obstetrical or surgical patient.

(5) The superintendent shall within twenty-four hours of any death occurring in the hospital as a direct or indirect result of pregnancy, forward to the Minister a report of such death on the prescribed form.

INDIGENT PATIENTS

49. A consultation shall be held by two or more members of the active staff on every indigent patient who is critically ill.

50. A consultation shall beheld by two or more members of the active staff on every indigent patient remaining in the hospital for more than thirty days, and thereafter at least every three weeks during the entire stay of the patient.

POST MORTEM EXAMINATIONS

51. When a post mortem examination has been performed on the body of any patient an autopsy report signed by the medical practitioner who has performed such examination shall be filed in the patient's record by the superintendent of the hospital.

HOSPITAL EMPLOYEES

52. In regulations numbered 53 to 55 an employee shall mean any person employed by the hospital who has any contact with patients or with patients' food, including internes, nurses, dietitians, pupil nurses, maids, orderlies, technicians and masseurs.

53. (1) Every employee now, or hereafter, employed in any hospital shall receive a complete physical examination upon entering the employ of the hospital and at least once each year thereafter.

(2) Every employee now, or heareafter, employed in any hospital shall receive a tuberculin test within thirty days after entering the employ of such hospital.

(3) Every employee who is deemed to have a positive tuberculin reaction shall receive an X-ray examination of the lungs within thirty days after the result of the tuberculin test is determined, and where the employee is less than 35 years of age or where the X-ray examination shows any evidence of tuberculous disease, the employee shall receive an X-ray examination of the lungs at least every year thereafter.

(4) Every such employee who is deemed to have a negative tuberculin reaction shall receive an additional tuberculin test within one year from the date of the first test, and shall receive an aditional test within one year from the date of each such test where the result of the test is negative.

(5) Every employee referred to in clause (4) who is deemed on any subsequent test to have a positive tuberculin reaction shall receive an X-ray examination of the lungs within thirty days after the result of such positive reaction is determined, and where the employee is less than 35 years of age or where the X-ray examination shows any evidence of tuberculous disease, the employee shall receive an X-ray examination of the lungs at least every year thereafter.

54. Any employee who, as a result of the foregoing examinations and tests, is shown to be suffering from any condition which is likely to be communicated to any patient shall not be permitted to work in the hospital.

RECORDS OF EMPLOYEE EXAMINATIONS

55. It shall be the duty of the superintendent or other person in charge of every hospital to keep a permanent record of all examinations and tests relating to any employee of the hospital, and the superintendent shall send a copy of any such record to the superintendent of any other hospital who makes a request therefor.

> NOTE:—In sending a copy of employees' records to any person the superintendent should have regard to section 9 of the Venereal Diseases Prevention Act, which reads as follows:
>
> 9. (1) Every person who, publicly or privately, verbally or in writing, directly or indirectly, states or intimates that any other person has been notified or examined or otherwise dealt with under the provisions of this Act, whether such statement or intimation is or is not true, in addition to any other penalty or liability, shall incur a penalty of $200, and in default of immediate payment shall be imprisoned for a period of not more than three months.

(2) Subsection 1 shall not apply to disclosures made to the Department nor to disclosures made in good faith to a medical officer of health for his information in carrying out the provisions of this Act, nor to any communication or disclosures made to a legally qualified medical practitioner or in the course of consultation for treatment for venereal disease, nor to any communication made to the superintendent of any public hospital or sanitorium, nor to any communication authorized or required to be made by this Act or the regulations.

PROVINCIAL AID

56. (1) No provincial aid shall be payable for treatment of any patient admitted to a hospital who at the time of admission:

(*a*) Was not a resident of Ontario;

(*b*) Was a ward of the Department of Indian Affairs (Canada);

(*c*) Was a person for whose maintenance the Department of Pensions and National Health (Canada) is liable;

(*d*) Was a person for whose maintenance the Workmen's Compensation Board is liable;

(*e*) Was a person for whose maintenance individual laibility is imposed upon employers under Schedule 2 of The Workmen's Compensation Act;

(*f*) Was a person for whose maintenance an employer of labour is liable under section 127 of *The Public Health Act* and the regulations passed thereunder.

(2) No provincial aid shall be payable for a patient admitted and discharged on the same day.

57. Provincial aid payable for treatment of every patient who is a baby of an indigent person, born in a hospital, and whose parent has actually resided in unorganized territory for the period of three months within the six-month period next prior to the birth of such baby shall be at the rare of $1 per day for every day up to fourteen days after birth that such baby is receiving treatment in the hospital.

58. Where the inspector, upon investigation, is of the opinion that any patient admitted to a hospital was a person liable to be deported under the immigration laws of Canada, and that no steps were taken by the superintendent of the hospital to inform the Department of Immigration of the admission of such patient, no provincial aid shall be payable for the treatment of such patient.

59. No provincial aid shall be payable for treatment of any patient for whose treatment the hospital makes any charge for extra services in excess of one-half the rate prevailing for private or semi-private patients in such hospital, or any charge for X-rays in excess of one-half the rate for the time being set by the Workmen's Compensation Board, except where the charges for such extra services are paid by a municipality.

CONVALESCENT HOSPITALS

60. In these regulations:

(*a*) "Convalescent patient" shall mean a person recovering from any surgical procedure, from exhaustive illness, from an exacerbation of a chronic debility, or from any infection which results in weakness, emaciation or anaemia, but shall not include patients recovering from any of the acute or chronic communicable diseases, unless it has been shown that such patients are no longer carriers of communicable disease, and shall include:

(*i*) Patients requiring treatment after surgical procedures;

(*ii*) Patients suffering from orthopedic disabilities;

(*iii*) Patients suffering from disabilities as the result of cardio-vascular disease;

(*iv*) Patients requiring treatment for metabolic diseases; and

(*v*) Patients requiring treatment for chronic non-communicable respiratory diseases;

(*b*) "Convalescent hospital" shall mean any institution, building, or other premises or place for the treatment of convalescent patients which is under the management and control of, or is affiliated with any institution which is an approved hospital under section 3 of *The Public Hospitals Act, 1931.*

61. Unless the Minister otherwise consents in writing, patients shall be admitted to a convalescent hospital from, and only after a period of treatment in, an approved hospital or the out-patient department of such a hospital.

62. For the purpose of these regulations, except in the matter of provincial aid and municipal liability, a convalescent hospital which is under the management and control of a public hospital shall be deemed a part of such public hospital and a convalescent hospital which is not under the management and control of a public hospital, but is affiliated with a public hospital shall be deemed a public hospital.

HOSPITALS FOR INCURABLES

63. No hospital for incurables shall admit as a patient any indigent person, or the dependent of an indigent person for the charges for whose treatment a municipality may be liable, except upon the written certificate of a legally qualified medical practitioner, according to the prescribed form, that such patient is an incurable person requiring treatment in a hospital for incurables.

64. If upon investigation of the condition of any patient admitted to a hospital for incurables, the inspector obtains the advice in writing of a duly qualified medical practitioner, that such patient no longer requires to be treated in the hospital as an incurable person, he may issue a certificate in writing to such effect, and thereupon provincial aid and municipal liability shall cease in respect of any further treatment of such patient as an incurable person, until the inspector cancels the certificate issued by him hereunder.

65. All regulations heretofore approved pursuant to *The Public Hospitals Act* are hereby revoked.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 10th day of May, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that pursuant to the provisions of *The Public Hospitals Act, R.S.O. 1937*, Chapter 390, the following regulations be approved:

56a. No. Provincial aid shall be payable for treatment of any patient for whose treatment the hospital makes any charge for extra services in excess of one-half the rate prevailing for private or semi-private patients in such hospital, or any charge for X-rays in excess of one-half the rate for the time being set by the Workmen's Compensation Board.

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 18th day of August, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the regulations under *The Sanatoria for Consumptives Act* approved by Order-in-Council, dated the 22nd day of June, 1938, be amended by adding thereto the following subsection:

28. (2) The amount paid by the Department under this regulation for food, lodging and necessaries shall not exceed seven dollars ($7.00) per patient, per week.

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 22nd day of June, A.D., 1938.

Under the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the attached regulations made pursuant to *The Sanatoria for Consumptives Act*, be approved.

Certified,

H. A. STEWART,
Assistant Clerk, Executive Council.

June 15th, 1938.

REGULATIONS UNDER THE SANATORIA FOR CONSUMPTIVES ACT

1. In these regulations "Director" shall mean the Director of the Division of Tuberculosis Prevention of the Department of Health.

2. Every sanatorium shall be governed and managed by a board appointed or elected in accordance with the provisions of the authority whereby the sanatorium has been established, with one member appointed by the Lieutenant-Governor in Council, and the board shall have power to govern, manage and operate the sanatorium and shall be responsible for the due observance and enforcement of *The Sanatoria for Consumptives Act*, these regulations and the by-laws of the sanatorium.

3. (1) The superintendent of the sanatorium shall be responsible to the board for the due observance and enforcement of *The Sanatoria for Consumptives Act*, these regulations and the by-laws of the sanatorium, and he shall be the officer representing the sanatorium with whom the Minister, the Director, the inspectors and the other officers of the Department shall ordinarily deal with regard to sanatorium matters.

(2) Subject to the by-laws and directions of the board, the superintendent shall have control over the admission, discharge and accommodation to be furnished to patients.

4. The Director and the inspectors shall perform the duties assigned to them by the Minister or Deputy Minister and shall have power with respect to any sanatorium to:

(*a*) Administer and enforce the Act and the regulations;

(*b*) Inspect and make inquiries regarding the premises, management and operation;

(*c*) Require that returns, reports, statements and other information relating to the sanatorium be furnished to them or to the Minister, periodically or otherwise, by the superintendent or any other officer or member of the staff of the sanatorium;

(*d*) Collect and compile such information and make such reports, returns and statements as the Minister may require;

(*e*) Examine and audit books, accounts, records and funds, and, where deemed necessary, remove them into the custody of the Department;

(*f*) Investigate the financial condition of any person who is a patient and require information with respect to the financial condition of such person to be furnished to them by any person in possession of such information; and

(*g*) Investigate any matter affecting a sanatorium or sanatoria in general and require information with respect to any such matter to be furnished to them by any person in possession of such information.

5. Every application, report, return, statement or other written communication required to be made or furnished to the Minister, Deputy Minister, inspector or Department under *The Sanatoria for Consumptives Act* or these regulations shall be addressed to the Director.

6. (1) Every sanatorium shall provide suitable accommodation for the temporary isolation of patients suspected of suffering from any communicable disease other than tuberculosis until a proper diagnosis can be made.

(2) When a patient is found to be suffering from any communicable disease other than tuberculosis, the superintendent shall take steps to isolate such patient to prevent the spread of the disease.

7. Every sanatorium shall employ such qualified medical practitioners, nurses, orderlies and other employees as are required for the treatment and care of the patients and as the Director may require.

8. The secretary of every board shall furnish to the Department, not later than the first day of November in each year, a statement of the names and addresses of the members of the board and the officers therof, and shall give written notice to the Minister of any change therein forthwith upon its occurrence.

9. The system and forms of books, accounting and other records shall be subject to the approval of the Minister.

10. No person shall be admitted as a patient in any sanatorium without the consent of the superintendent or person acting in his place.

11. Every medical practitioner who sends any person to a sanatorium to be admitted as a patient therein shall be responsible for giving such information to the superintendent or person acting in his place as may be necessary to assure the protection of others from any such person who, by reason of any fact, may constitute a danger to other patients.

12. A clinical laboratory shall be provided in the sanatorium and special examinations which cannot be made in such laboratory shall be referred to a laboratory approved by the Minister and the reports shall become part of the patient's case record.

13. Any tissues or sections of tissues removed at operation or curettage shall be immediately set aside by the surgeon operating and shall be forwarded by the superintendent with a short history of the case and a statement of the findings at the operation to a laboratory approved by the Minister for examination, provided that any sections of nerve, bones, tooth, tonsil, frenum, hemorrhoid, finger, toe, hand, foot, arm or leg removed or amputated shall not be so forwarded unless the surgeon desires a special examination.

14. (1) Any report received from a laboratory shall become part of the patient's case record.

(2) Every report shall show the date upon which the test reported upon was performed.

15. A medical history, with result of physical examination and provisional diagnosis, shall be made in writing within fourteen days of the patient's admission to the sanatorium, shall become part of the patient's case record.

16. The board of every sanatorium shall require the medical staff, medical interne, or clinical clerks to prepare a complete medical record of every patient, including identification, complaint, present history, family history, physical examination, special reports, as reports of consultations, laboratory examinations, X-ray, provisional diagnosis, medical or surgical treatment, pathological findings, progress notes, condition and discharge and follow-up records, and in the event of death, a note as to the cause of death.

17. Within thirty days after the admission of any patient to a sanatorium the superintendent shall be responsible for sending a report of the patient's condition to the medical practitioner who referred such patient to the sanatorium.

18. No surgical operation shall be performed on any patient in a sanatorium without the consent in writing signed by the patient or his guardian, provided that where the patient is unable to give consent and where, in the opinion of the surgeon, delay would endanger the patient's life, such consent shall not be necessary.

19. A complete history, physical examination and a written pre-operative diagnosis shall be furnished by the operating surgeon or any medical practitioner authorized by him before a patient is submitted to any anaesthetic or surgical operation, provided that where the surgeon is of the opinion that the delay occasioned in obtaining such history and examination would be detrimental to the patient, he shall so state in writing and in such event the pre-operative diagnosis shall be furnished in writing and signed by the operating surgeon.

20. Every operation performed in a sanatorium shall be fully described in writing by the surgeon or any medical practitioner authorized by him and such written description shall form part of the patient's record.

21. Every anaesthetist shall furnish a record showing the type of anesthetic given, amount used, length of anaesthesia and the condition of the patient following the operation.

22. When a post-mortem examination has been performed on the body of any patient, an autopsy report signed by the medical practitioner who has performed such examination shall be filed in the patient's record by the superintendent of the sanatorium.

23. No provincial aid shall be payable for treatment of any patient admitted to a sanatorium who at the time of admission:

(*a*) Was not a resident of Ontario;

(*b*) Was a ward of the Department of Indian Affairs (Canada);

(*c*) Was a person for whose maintenance the Department of Pensions and National Health (Canada) is liable;

(*d*) Was a person for whose maintenance the Workmen's Compensation Board is liable;

(*e*) Was a person for whose maintenance individual liability is imposed upon employers under Schedule 2 of *The Workmen's Compensation Act*.

24. Where a Director or an inspector upon investigation, is of the opinion that any patient admitted to a sanatorium was a person liable to be deported under the immigration laws of Canada, and that no steps were taken by the superintendent of the sanatorium to inform the Department of Immigration of the admission of such patient, no provincial aid shall be payable for the treatment of such patient.

25. The Department may pay provincial aid to a sanatorium for the treatment of every patient at the rate of \$2.07½ for each day that such patient received treatment in the sanatorium.

26. A sanatorium may charge any patient an amount not exceeding \$3.00 per day for every day such patient receives treatment in the sanatorium.

27. The Department may pay provincial aid for every baby born in a sanatorium at the rate of \$1.00 per day for every day up to three months after birth that such baby is in the sanatorium.

28. The Department may provide and pay for the treatment including food, lodging, necessaries of life, and transportation, outside a sanatorium of any patient without municipal residence who has recovered to such an extent that in the opinion of the Director or an inspector he is fit to be discharged.

29. (1) The Department may pay an amount not exceeding \$3.00 to any medical practitioner for each pneumothorax treatment authorized by the Director and performed upon a patent without municipal residence.

(2) The Department may reimburse any municipality which has paid a medical practitioner, sanatorium clinic or hospital clinic approved by the Director, for any such treatment at a rate not exceeding \$3.00 for each treatment.

(3) In the case of a hospital clinic, the physician in charge shall indicate to the appropriate officer of the municipality the manner in which remuneration is to be made to the members of his staff who are associated in the pneumothorax treatment.

(4) Each physician or clinic using hospital facilities for pneumothorax treatments, shall make all necessary arrangements with the hospital.

(6) In this regulation any fee paid for a pneumothorax treatment shall include the remuneration payable for any necesasry fluoroscopic examination.

30. Upon admission to a sanatorium of any patient, the superintendent shall by registered letter notify the clerk of the local municipality in which such patient is or is represented to be a resident, of such admission, giving such particulars as may be ascertainable to enable the clerk to identify the patient.

THE LIBRARY OF THE DEPARTMENT OF HEALTH

FREDRITA HENLEY WRIGHT, *Librarian.*

The past year again has shown an increase in appreciation of the services of the Central Library. Especially is this so with regard to the staffs of the Ontario Hospitals where there has been an increase of 495 loans over the previous year.

The Central Library, in its accessions, again paid special attention to the sections on Mental Disease, Psychology and Mental Hygiene. The requests for loans received from the Ontario Hospitals amply justified this effort.

ACCESSIONS

During 1938 the following accessions were made:

Central Library

Books purchased	95	
Journals	156	(vols.)
Reports	116	
Pamphlets	1,411	
Total	1,778	

The subscriptions to journals for the year were 106 while the Library received 17 complimentary subscriptions, a total of 123.

Ontario Hospitals

Books purchased	
Medical	53
Fiction	
New	96
Library discards	1,224
Journals (sub'ns.)	114
Periodicals	
New (sub'ns.)	165
Unsold (copies)	8,100
Newspapers (sub'ns.)	166
Total	9,918

The system of maintaining a central catalogue of books in the Ontario Hospitals was continued. All purchases were catalogued in the Central Library and forwarded to the hospitals together with cards for the hospital catalogue.

LOAN SERVICE

There were 4,947 loans made by the Library in comparison with 2,964 for the previous year. Within the immediate department there were 3,763 for 1938 while the number for 1937 was 2,413. For the outside service, including the Ontario Hospitals, there were 1,184 for 1938 while for 1937 there were 551.

In addition to library loans the regular monthly service was continued whereby journals on tuberculosis were circulated to the clinicians in charge of the Provincial Travelling Chest Clinics at North Bay, Belleville, Ottawa, Fort William and Timmins and to the Tuberculosis Unit at the Ontario Hospital, New Toronto. The clinics at Fort William and Timmins were added during 1938 thus making the service include 6 clinics in place of 4 during 1937. Medical journals were also circulated to Branch Laboratories at North Bay, Fort William, Sault Ste. Marie, Peterboro and Ottawa while "Public Health Nursing" and "Parents" were sent to the Eastern Ontario Health Unit.

During the year a further service was extended by the Central Library by which articles on metrazol and cardiazol in the treatment of schizophrenia were circulated to seven Ontario Hospitals.

SUMMER COURSE IN HEALTH TEACHING

The Library again contributed to the special library compiled for the use of the teachers enrolled for the Summer Course in Health Teaching. This special library is of considerable help to the students and is much appreciated by them. The attendance at the 1938 session was 306 teachers from the schools of the Province.

LIBRARY BULLETIN

Publication of the Library Bulletin continued during the year. This Bulletin consists of a bibliography of articles of interest on all aspects of departmental work appearing each month in the library journals. Starting with the July-August number a "News Sheet," to appear quarterly, was added. This was introduced in order to familiarize members of the staff of the department with new work being undertaken by the various divisions; with matters of departmental policy; and with new publications issued by the department.

PATIENTS' LIBRARIES

The Central Library purchased a total of 96 new books and 1,224 library discards to be added to the patients' libraries in the Ontario Hospitals. There were also delivered, through special arrangement with a Toronto news agency, 8,100 copies of unsold periodicals and in addition the Library re-shipped 5,200 copies of newspapers which were donated to the Ontario Hospitals through the kindness of Toronto publishers.

ONTARIO HEALTH OFFICERS' CONVENTION

For the period of the convention of Ontario Health Officers, held at the Royal York Hotel, Toronto, from June 1-3, 1938, the Library presented an exhibit of books of interest to the doctors in their capacity as Medical Officers of Health. The exhibit comprised texts from the Central Library and new publications loaned by Toronto publishers for the occasion. Also included in the exhibit was a sample set of all literature distributed by the department. From this set supplies were selected by the Health Officers, which were later mailed to them. The exhibit created considerable interest.

In addition to the above activities there has been the regular library procedure of cataloguing and reference work comprising the daily routine.

DIVISION OF PREVENTABLE DISEASES

A. L. McKay, B.A., M.B., D.P.H., *Director.*

Of the 31 communicable diseases reported through the local Boards of Health only 9 have shown an increase in the number of cases reported, as compared with 1937. An increase was noted in Dysentery, Tuberculosis and Measles. The number of cases of Gonorrhoea reported shows a 20% increase, while in Syphilis the increase was 24%. The increased number of cases reported for these two diseases is probably accounted for by the fact that during the past year more advantage has been taken by municipalities of the increased financial assistance given by the Department.

There was an increase in the number of Whooping Cough cases reported, and the number reported was only 4% lower than the number reported during the peak year of 1936.

Infectious Jaundice reached epidemic proportions in many municipalities during the year. The greater number of cases, however, were reported during the last three months. There were no fatalities attributed to this disease but the loss of school attendance was quite marked. Epidemiological investigations were made and are still proceeding.

There were no municipal outbreaks caused from water or milk during the year and there was a reduction of 21.5% in the total number of communicable diseases reported for the year as over the corresponding year of 1937.

Typhoid Fever

Year	Cases	Morbidity Rates	Deaths Reg. Gen.	Mortality Rates
1934	547	15	45	1.2
1935	310	8.6	41	1.1
1936	251	6.7	39	1.0
1937	241	6.4	27	0.7
1938	235	6.2	34	0.9

During the past five years Typhoid Fever morbidity rates have decreased steadily in the Province of Ontario. The year ending 1938 reached an all time low of 6.2 per 100,000. During the whole year the endemic index for each month was well within the range, with only one exception, that of April, when 10 cases more than expected occurred.

These cases were located as follows: Five in Plantagenet, three at Hearst, and two at Kapuskasing. The Plantagenet cases were investigated by the Eastern County Health Unit, and the cases at Hearst and Kapuskasing on investigation were found to be due to the drinking of contaminated river water outside the town. Investigation into the cause of Typhoid Fever was carried on at Latchford, Port Arthur, and the Townships of Wainfleet, Louth, Charlotteville, South Walsingham. While no serious outbreaks had occurred during the year sporadic cases had frequently appeared in these various places in Southern Ontario. In all instances, not more than one or two cases were reported at any one time. On investigation it was found that cases could be traced to a mild undiagnosed case (one instance), a carrier, unknown at the time, and drinking contaminated rural water.

Typhoid Fever has been more or less endemic in two counties in Ontario during the past five years, while no serious outbreaks have occurred as yet, it would be very advisable to make a sanitary and combined carrier survey in one of these counties during the summer of 1939.

Para-Typhoid Fever

Year	Cases	Morbidity Rate	Deaths
1934	88	2	2
1935	58	1	0
1936	59	1	3
1937	80	2	5
1938	68	1	0

The mobidity rate of Para-Typhoid during the past five years shows a median of 1. There have been no serious outbreaks of this disease in the Province during the past year, and all the cases reported were single cases with no exceptions—one outbreak of 4 cases was traced to an undiagnosed mild case, and in another of similar proportions a carrier was found.

The cases were scattered throughout the province from Fort William and Larder Lake in the north and Brockville to Windsor in the southerly part of the Province,—only one outbreak of food poisoning was reported during the past year. This small outbreak, 2 families, was caused through consuming creamed pastries, contaminated with staphylococcus organisms.

Infectious Jaundice

Year	Cases
1934	6
1935	10
1936	46
1937	89
1938	701

701 cases of Infectious Jaundice were reported during 1938. This disease reached epidemic proportions during the past year, although cases have been reported in Ontario as far back as 1930. The disease this past year was widespread throughout the province, though not as an epedimic in all cases reporting it. The disease as such, where it has occurred, had caused no fatalities in the province. It has appeared in epidemic proportions in Ottawa, London, Biddulph, Kitchener, Kingston, Teck and Brantford, while 30 other municipalities have reported 4 to 30 cases.

Three forms of infectious jaundice have been recognized—Catarrhal Jaundice, Weil's disease—(Leptospira-icterohaemorrhagiae) and Letospira Cuniculi. Dogs, of course, have been known to have become infected through rats that carry the Leptospira Icterohaemorrhagiae. Many of the cases were reported in the early fall and continued through to December. In some outbreaks the Leptospira was ruled out on examination of the blood and urine. At the present an investigation of the disease is being carried out. The disease most frequently attacks those in the 5-14 age group. Very few adults or young children 0-4 have been reported as contracting the disease, thus far.

Undulant Fever

Year	Cases	Morbidity Rate	Deaths
1934	97	2.7	3
1935	85	2.4	5
1936	127	3.1	2
1937	104	2.7	7
1938	101	2.	3

101 cases of Undulant Fever were reported during 1938. In single cases, they were distributed throughout all parts of the province, few counties or districts being exempt. They were reported during all months of the year, but with a higher frequency during a period from March to July. The morbidity rates are somewhat higher than the rates as compared with Para-Typhoid. The median for Undulant Fever during the past five years is 2.5 compared with 1 as in Pari-Typhoid.

Cerebro-Spinal Meningitis

Years	Cases	Morbidity Rate
1934	35	.9
1935	32	.8
1936	52	1.
1937	67	1.8
1938	88	2.3

There has been a marked increase in the number of cases of Cerebro-Spinal Meningitis (men) as reported in the province. This increase has not been common to this province, but has been recognized generally over the North American continent during the past few years. There was a 31.1% increase in the cases reported in 1938 as compared with 1937.

Poliomyelitis

Years	Cases	Morbidity Rate
1934	326	8
1935	108	3
1936	208	5.6
1937	2546	68.
1938	160	4.5

Poliomyelitis in 1938 remained well within the endemic index, and comparable with the number of cases 161 in 1931—following the 1929-30 epidemic years.

Smallpox

Year	Cases	Morbidity Rate
1934	1	0.02
1935	7	0.1
1936	1	0.02
1937	0	0.
1938	6	0.1

Smallpox—During the last five years the morbidity rate has been less than 1. Six cases of smallpox were reported in 1938. Many of the suspected smallpox cases were visited and a diagnosis of chickenpox was made; others had been exposed to Herpes and developed a rash very similar to smallpox.

Diphtheria

Year	Cases	Morbidity Rate	Deaths	Mortality Rate
1934	371	10	23	.6
1935	361	10	37	1.2
1936	290	7	31	.8
1937	506	13	39	1.5
1938	234	6	12	0.3

During the past five years the morbidity rate for Diphtheria has steadily declined and in 1938 the rate dropped to a new low of 6 per 100,000. Diphtheria was reported from all the cities in the province with the exception of seven. Cases were reported throughout the northern and southern sections of the province. Outbreaks of Diphtheria in municipalities were comparatively few. However, there is no reason to believe that they cannot occur. They are possible in municipalities where immunization has been neglected and also in municipalities where immunization has never been carried out. In one such municipality in 1937 over 36 cases and 5 deaths had occurred.

Active immunization against Diphtheria and Smallpox was carried out throughout northern Ontario in 1938 and 20,034 children received Diphtheria Toxoid and were vaccinated against Smallpox. This work was carried out in all schools, situated in municipalities without municipal organization. The arrangements were made through the co-operation of the Department of Education, the school teacher and the physicians practising in the vicinity. The latter being paid by the Department of Health. Pre-school children were also included in this campaign.

Whooping Cough

Year	Cases	Morbidity Rate	Deaths	Mortality Rate
1934	7624	214	184	5.1
1935	7663	213	114	3.1
1936	7890	213	99	2.9
1937	5040	135	106	2.8
1938	7567	200	77	2.

The morbidity rates for Whooping Cough have been fairly constant during the past five years—with the exception of 1937; the mean morbidity rate for this period was 180. In 1938, an increase of 48.1% is shown in the rate as compared with the previous year.

Whooping Cough was reported during the past year from all but one district and two counties but there is reason to believe it had occurred in these places. Whooping Cough was more prevalent in cities and towns but less so in rural areas. The mortality rate for 1938 was 2 per 100,000. (This is only a tentative rate for the year). The case fatality rate was 1.1%. Whooping Cough remained well within the median for the year with the exception of the last three months, when an increase occurred in the number of cases reported.

Scarlet Fever

Year	Cases	Morbidity Rate
1934	6057	168
1935	7265	201
1936	8927	247
1937	5581	154
1938	5359	144

The morbidity rate for Scarlet Fever has shown a decrease over the past five years, the rate for 1938 being 70% lower than the rate for the year 1936. The cases reported by month were all within the number of cases expected. However, in December an increase was observed, which, in all probability will be continued well into 1939.

Measles

Year	Cases	Morbidity Rate
1934	2,392	66
1935	44,958	1256
1936	26,429	716
1937	13,809	426
1938	16,595	445

Measles remained well within the median each month during the year with the exception of December—when 73.2% increase in the number of cases developed. The last epidemic of measles occurred in 1935. 1939 is regarded as an epidemic year.

Venereal Disease Control

During the year the nineteen veneral disease clinics operated by the Department have continued as in the past. There has been an increase in the number of new cases who had never previously been treated in the clinics, but the total number of patients under treatment remained approximately the same. The number of treatments administered was increased by more than 5 per cent. over the previous year. There were 419 cases of primary and secondary syphilis admitted to the clinics, which was an increase of 78 over the previous year's experience. 2162 patients were discharged from the clinics as apparently cured, and it may also be noted that fewer patients were discharged from the clinics without permission, although this still remains at the disquieting figure of 1348. During the year 768 patients had to be referred to the medical Officer of Health for non-attendance and were followed up under authority of the Act. It was found necessary to prosecute only 26 patients for contravention of *The Venereal Diseases Prevention Act*, which indicates the efficiency and tact of the social service nurses in the follow up of the patients under their charge.

The treatment of patients in municipalities without clinic facilities increased considerably during the year. It was found possible to further reduce the burden on the municipalities by increasing the financial assistance given by the Division from 50 to 75 per cent. of the cost of treatment, based on a set schedule of fees. This resulted in a greater number of municipalities assuming their statutory responsibility in this regard and a consequent increase in the number of patients under treatment.

Sulphanilamide and stovarsol have now been made available for treatment in all of the clinics at the expense of the Department.

A summary of the work in the clinics follows:

Treatment for Syphilis:

Diarsenol	1,883
Novarsan	16,978
Mapharsen	14,805
Tryparsamide	1,709
Other arsenicals	5,244
Mercury	2,281
Bismuth	42,421
Medicines	8,456
Other and advice	4,461
Thiosulphite	245

Treatment for Gonorrhoea:

Irrigations	49,889
Douche	1,055
Injections	7,807
Prostatic Massage	8,702
Instrumentation	1,464
Deep Instillation	1,948
Topical Application	8,606
Vaccine	1,116
Examinations	4,125
Medicines	7,697
Total	190,892

Drugs for the free treatment of venereal disease were distributed as follows:

	Ampoules	Grams.
Diarsenol	514	659.8
Novarsan	44,311	36,319.03
Mapharsen	9,036	1,007.08
Bismuth Oxychloride	40,747	168,798 grs.
Mercury Salicylate	5,174	8,678 grs.
Sodium Hydroxide	....	152 ounces
Distilled Water	....	61,984 ounces

Correspondence has been carried out for follow-up through the medical officers of health of contacts, sources of infection and removals from one municipality to another as follows:

Total number of patients and contacts followed up	802
Receiving treatment or found to be negative	344
Lost—including no reply from M.O.H.	166
Doubtful cases—as to whether or not under treatment	68

Sources of Infection:

Positive	22
Negative	22
Lost	23
Total	67

Number of contacts of neurosyphilitic patients in Ontario Mental Hospitals;

Negative	66
Positive	9
Lost or refused examination	16
Total	91
Number carried over to 1939	133

Summary of Clinic Activities:

1. Number examined and found positive	3,510
2. Number carried over from previous year	6,065
3. Number of new cases (never previously treated in clinic)	2,708
4. Number of cases readmitted	931
5. Number of previously treated patients	736
6. Number of cases treated	10,392
7. Number of treatments	155,835
8. Number of contacts and sources examined	910
9. Number of visits made by nurses	5,745
Number of cases treated (Total)	10,392
New cases (Never previously treated in clinic)	2,708

	Male	Female
Syphilis	590	367
Gonorrhoea	1,267	409
D.I.	39	36

Number of cases re-admitted	931

	Male	Female	
Syphilis	280	141	
Gonorrhoea	358	75	
Double Infection	51	13	
Number of patients previously treated			736
	Male	Female	
Syphilis	282	141	
Gonorrhoea	213	75	
Double Infection	12	13	
Number of new cases Syphilis classified			1,333
	Male	Female	
Primary	167	67	
Secondary	87	98	
Tertiary	587	327	
New cases of Gonorrhoea			2,177
	Male	Female	
1. Under 1 month	1,250	203	
2. Under 2 months	161	148	
3. Over 2 months	230	185	
Number of paid treatments classified			155,835
	Male	Female	
Syphilis	54,851	36,461	
Gonorrhoea	51,973	12,550	
Number of Contacts and Sources examined			910
Positive for Syphilis	114		
Positive for Gonorrhoea	86		
Number of Children treatments			4,619
	Male	Female	
Syphilis	1,911	1,536	
Gonorrhoea	33	1,139	
Number discharged from clinics			4,335
Number discharged apparently cured			2,162
	Male	Female	
Syphilis	410	261	
Gonorrhoea	1,001	387	
Double Infection	62	41	
Number transferred			825
	Male	Female	
Syphilis	263	164	
Gonorrhoea	255	103	
Double Infection	23	17	
Number discharged without permission			1,348
	Male	Female	
Syphilis	460	247	
Gonorrhoea	454	128	
Double Infection	29	30	
Social Hostories taken in clinics			3,794

Cases referred by: Doctors, 835; self, 1,318; friends, 182; hospitals, 377; other clinics, 494; social agency, 84, Department of Health, 202; jails, 47; re-admissions, 224; police, 31; posters, 0.

Number of cases referred to M.O. H	1,080

Source	180
Contact	114
Non-attendance	786

Number of cases placed under V.D. Act	106
Number of cases prosecuted under V.D. Act	26
Analysis by Age Groups of New Admissions	3,292

	Male	Female
Under 16 years	26	50
16-19 years	168	164
20-29 years	1,056	407
30-39 years	579	176
Over 40 years	538	128

Number of visits of Social Service Nurses	5,745
Number of patients treated in hospitals where clinics are situated	923

	Male	Female
Syphilis	138	232
Gonorrhoea	277	276

Number of days in hospital	11,002

	Male	Female
Syphilis:		
Blood	5,435	8,721
Cerebro Spinal fluid	100	294
Darkfield	62	103
Gonorrhoea:		
Diagnosis	2,271	6,128
Prognosis	2,637	5,068

STATEMENT OF COMMUNICABLE DISEASES IN 1938

	Smallpox		Scarlet Fever		Diphtheria		Measles		Whooping Cough		Typhoid Fever		Tuberculosis		Poliomyelitis		Cerebro-Spinal Meningitis (Men'gococ's)		Influenza		Pneumonia	
1938	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	0	0	710	2	27	3	1,205	0	318	1	12	4	210	42	2	0	6	1	221	9	157	332
February	0	0	620	5	25	0	924	0	335	1	6	2	181	27	1	0	5	1	115	2	139	175
March	0	0	456	5	28	1	1,579	0	435	0	10	0	220	43	1	1	10	4	71	4	117	178
April	0	0	505	3	15	0	2,359	1	426	2	21	3	278	47	1	0	15	5	240	0	140	234
May	0	0	314	2	8	1	2,216	3	413	2	11	0	230	46	4	0	8	2	80	1	158	186
June	0	0	330	1	11	0	2,979	1	635	2	13	1	223	49	9	2	10	1	4	3	84	166
July	0	0	212	4	22	0	1,519	1	788	1	11	6	175	39	25	4	6	1	29	0	75	129
August	0	0	114	0	13	0	199	0	618	6	26	2	205	40	51	5	0	1	48	2	31	102
September	0	0	177	2	12	0	76	0	681	4	33	3	181	41	32	3	4	2	34	3	27	95
October	1	0	456	3	34	0	253	0	652	2	25	4	223	47	22	2	6	3	43	3	65	178
November	2	0	565	5	17	1	808	0	1,044	5	37	3	199	37	9	0	11	0	27	1	132	161
December	3	0	900	3	22	0	2,459	0	1,244	6	24	3	192	47	3	1	7	1	31	3	96	249
1938 Total	6	0	5,359	35	234	6	16,606	6	7,569	32	235	31	2,520	505	160	18	88	22	943	31	1,221	2,185
1937 Total	0	0	5,581	27	506	29	15,809	5	5,040	9	211	17	2,371	525	2,514	109	67	27	13,330	185	1,020	2,585
1936 Total	0	0	8,927	41	290	8	26,429	18	7,890	29	251	27	2,277	551	208	12	52	38	1,869	53	788	2,116

STATEMENT OF COMMUNICABLE DISEASES IN 1928—Continued

	Syphilis		Gonorrhoea		Chickenpox		Encephalitis		German Measles		Mumps		Septic Sore Throat		Undulant Fever		Dysentery		Erysipelas		Paratyphoid Fever		Jaundice	
1938	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	221	5	381	0	1,581	0	0	0	53	0	567	0	7	1	7	0	1	0	14	1	13	0	31	1
February	219	2	334	0	1,086	0	3	0	67	0	644	0	1	0	6	0	5	0	9	1	1	0	24	0
March	280	3	264	0	1,005	0	1	1	67	0	683	0	3	0	6	0	2	0	9	1	2	0	68	0
April	302	4	306	0	1,211	0	0	2	161	0	807	0	21	2	14	0	4	0	12	2	1	0	249	0
May	185	3	217	0	866	0	1	0	81	0	507	0	25	0	10	0	2	0	8	2	1	0	15	0
June	202	6	274	0	1,267	0	2	1	74	0	343	0	14	1	12	0	1	0	8	0	6	0	14	0
July	232	8	387	0	743	0	2	2	70	0	105	0	8	0	11	0	5	0	11	1	1	0	16	0
August	196	5	372	1	159	0	1	0	21	0	45	0	3	1	7	0	2	1	4	0	12	0	5	0
September	252	1	407	0	101	0	0	1	18	0	33	0	2	1	7	0	48	4	10	2	14	0	0	0
October	356	4	473	0	489	0	0	0	40	0	62	0	4	0	8	0	47	1	11	0	6	0	31	0
November	264	1	367	0	957	1	1	1	77	0	90	0	11	0	6	0	28	2	10	0	5	0	150	1
December	301	5	406	0	1,416	0	0	0	138	0	233	0	11	0	3	0	17	0	22	0	6	0	95	0
1938 Total	3,010	47	4,188	1	10,881	0	11	8	867	0	4,119	0	113	6	97	0	162	8	128	10	68	0	701	2
1937 Total	2.415	23	3,481	1	11,795	1	11	11	913	0	9,696	0	244	12	104	0	103	9	139	11	80	2	89	2
1936 Total	2,000	15	2,738	0	11,301	1	12	18	29,351	4	13,699	1	160	19	127	2	91	2	168	18	59	1	46	2

STATEMENT

BIOLOGICAL PRODUCTS AND INSULIN

APRIL 1st, 1937, TO MARCH 31st, 1938

SUMMARY 1937–1938

Diphtheria:					
Antitoxin	4,401 M units at	$0.14 per M units	$ 616 14		
	67,090 M units at	.12 per M units	8,050 80		
Schick Test	4,840 outfits at	.20 each	968 00		
				$ 8,666 94	
Toxoid	16,763 x 1 person at	.20 each	$ 3,352 60		
	2,814 x 6 persons at	.80 each	2,251 20		
	8,677 x 12 persons at	1.00 each	8,677 00		
	574 Diluted at	.20 each	114 80		
				$ 15,363 30	
					$ 24,030 54
Tetanus:					
Antitoxin	80,870,500 units at	.30 per M units	$ 24,261 15		
Intraspinal Outfits	177 outfits at	.45 each	79 65		
					24,340 80
Scarlet Fever:					
Antitoxin	10,259 prophylactic doses at	.75 each	7,694 25		
	5,212 treatment doses at	2.75 each	14,333 00		
				$ 22,027 25	
Dick Test	5,656 outfits at	.20 each	1,131 20		
Toxin	6,091 x 1 person at	.30 each	1,827 30		
	4,952 x 6 persons	1.00 each	4,952 00		
				$ 7,910 50	
					29,937 50
Anti-Meningococcus:					
Serum	1,734 x 20 cc vials at	1.00 each	$ 1,734 00		
Intraspinal Outfits	287 at	.45 each	129 15		
				$ 1,863 15	

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN SUMMARY—Continued

SMALLPOX:					
Vaccine	6,899 x 2 point packages at	.12 per package	$ 827 88		
	104,365 points at	4.4 per point	4,696 41	4,696 41	5,524 29
RABIES:					
Vaccine	48 treatments	10.50 each		504 00	
ANTI-ANTHRAX:					
Serum	3 x 50 cc vials at	1.75 each			
	1 x 20 cc vials	2.00 each		7 25	
TYPHOID-PARATYPHOID:					
Vaccine	600 x 10 cc vials	.36 each		216 00	
TOTAL COST OF BIOLOGICAL PRODUCTS					$ 86,423 78
INSULIN	17,255 x 200 units vials at	.40 per vial	$ 6,902 00		
	54,152 x 400 units vials at	.70 per vial	37,906 40		
	3,436 x 800 units vials at	1.30 per vial	4,466 80		
	15,462 Protamine Zinc at	.72½ per vial	11,209 92		
TOTAL COST OF INSULIN					$ 60,485 12
TOTAL COST OF BIOLOGICAL PRODUCTS AND INSULIN					$ 146,908 90

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

MONTH	DIPHTHERIA ANTITOXIN						DIPHTHERIA TOXOID							
	1M and 5M Units	Cost	10M 20M 40M Units	Cost	Syringes	Cost	One Person	Cost	Six Persons	Cost	Twelve Persons	Cost	Diluted	Cost
1937	M	$ c	M	$ c		$ c		$ c		$ c		$ c		$ c
April	367	51 38	5,130	615 60	6	1 20	1,621	324 20	317	253 60	598	598 00	40	8 00
May	177	24 78	3,520	422 40	36	7 20	1,224	244 80	151	120 80	486	486 00	53	10 60
June	334	46 76	4,670	560 40	50	10 00	1,466	293 20	116	92 80	357	357 00	36	7 20
July	618	86 52	9,460	1,135 20	100	20 00	1,158	231 60	106	84 80	309	309 00	30	6 00
August	267	37 38	6,500	780 00	49	9 80	1,033	206 60	54	43 20	475	475 00	36	7 20
September	342	47 88	4,250	510 00	5	1 00	1,753	350 60	394	315 20	684	684 00	73	14 60
October	393	55 02	6,290	754 80	75	15 00	1,463	292 60	465	372 00	1,467	1,467 00	43	8 60
November	613	85 82	4,980	597 60	5	1 00	1,550	310 00	356	284 80	916	916 00	34	6 80
December	274	38 36	8,410	1,009 20	174	34 80	1,128	225 60	110	88 00	533	533 00	27	5 40
1938														
January	385	53 90	4,250	510 00	24	4 80	1,348	269 60	313	150 40	991	991 00	73	14 60
February	244	34 16	6,130	735 60	66	13 20	1,140	228 00	161	128 80	773	773 00	54	10 80
March	387	54 18	3,500	420 00	100	20 00	1,879	375 80	271	216 80	1,088	1,088 00	75	15 00
	4,401	616 14	67,090	8,050 80	690	138 00	16,763	3,352 60	2,814	2,251 20	8,677	8,677 00	574	114 80

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Diphtheria Schick Test		Tetanus Antitoxin					
	Outfits	Cost	Units	Cost	Syringes	Cost	Outfits	Cost
1937		$ c		$ c		$ c		$ c
April	480	96 00	4,440,000	1,332 00	212	42 40	17	7 65
May	435	87 00	6,806,000	2,041 80	187	37 40	18	8 10
June	224	44 80	9,906 000	2,971 80	210	42 00	27	12 15
July	387	77 40	10,671,500	3,201 45	435	87 00	19	8 55
August	202	40 40	8,253,500	2,476 05	236	47 20	13	5 85
September	440	88 00	11,489,500	3,446 85	240	48 00	20	9 00
October	332	66 40	6,759,000	2,027 70	292	58 40	8	3 60
November	469	93 80	5,526,500	1,657 95	162	32 40	4	1 80
December	442	88 40	4,252,000	1,270 60	187	37 40	5	2 25
1938								
January	397	79 40	4,165,000	1,249 50	124	24 80	5	2 25
February	464	92 80	3,924,500	1,177 35	200	40 00	21	9 45
March	568	113 60	4,667,000	1,400 10	125	25 00	20	9 00
	4,840	968 00	80,870,500	24,261 15	2,610	522 00	177	79 65

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

	Scarlet Fever Antitoxin						Dick Test		Scarlet Fever Toxin			
	Prophylactic	Cost	Treatments	Cost	Syringes	Cost	Dick Test	Cost	One Person	Cost	Six Persons	Cost
1937		$ c		$ c		$ c		$ c		$ c		$ c
April	956	717 00	599	1,647 25	111	22 20	443	88 60	430	129 00	618	618 00
May	805	603 75	519	1,427 25	100	20 00	375	75 00	467	140 10	391	391 00
June	802	601 50	336	924 00	50	10 00	411	82 20	418	125 40	124	124 00
July	846	634 50	219	602 25	50	10 00	361	72 20	397	119 10	262	262 00
August	763	572 25	402	1,105 50	....	....	177	35 40	422	126 60	181	181 00
September	567	425 25	236	649 00	50	10 00	477	95 40	535	160 50	437	437 00
October	903	677 25	419	1,152 25	....	....	410	82 00	489	146 70	614	614 00
November	1,167	875 25	738	2,029 50	50	20 00	597	119 40	535	160 50	353	353 00
December	871	653 25	465	1,278 75	8	1 60	386	77 20	428	128 40	363	363 00
1938												
January	924	693 00	388	1,067 00	125	25 00	877	175 40	774	232 20	765	765 00
February	956	717 00	584	1,606 00	100	20 00	504	100 80	650	195 00	614	614 00
March	699	524 25	307	844 25	100	20 00	638	127 60	546	163 80	230	230 00
	10,259	7,694 25	5,212	14,333 00	744	148 80	5,656	1,131 20	6,091	1,827 30	4,952	4,952 00

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

MONTH	ANTI-MENINGOCOCCUS SERUM				SMALLPOX VACCINE				Rabies Vaccine		Anti-Anthrax Vaccine		Typhoid Paratyphoid	
	20cc Vials	Cost	Outfits	Cost	2 Point Packages	Cost	5 and 10 Point Packages	Cost	Treatments	Cost	Vials	Cost	Vials	Cost
1937		$ c		$ c		$ c		$ c		$ c		$ c		$ c
April	96	96 00	10	4 50	553	66 36	15,385	692 32	....	....	....	....	......	....
May	103	103 00	33	14 85	621	74 52	9,975	448 87	4	42 00	2	3 50	......	....
June	183	183 00	20	9 00	775	93 00	7,260	326 70	3	31 50	....	....	......	....
July	134	134 00	27	12 15	383	45 96	5,620	252 90	2	21 00	1	2 00	......	....
August	63	63 00	14	6 30	648	77 76	8,830	397 35	11	115 50	....	....	......	....
September	134	134 00	24	10 80	996	119 52	13,370	601 65	....	....	....	....	......	....
October	118	118 00	14	6 30	503	60 36	7,290	328 05	1	10 50	1	1 75	......	....
November	235	235 00	26	11 70	494	59 28	7,630	343 35	2	21 00	....	....	......	....
December	100	100 00	12	5 40	324	38 88	4,250	191 25	19	199 50	....	......	......	....
1938														
January	184	184 00	40	18 00	596	71 52	9,985	449 32	3	31 50	....	....	......	....
February	114	114 00	28	12 60	445	53 40	6,750	303 75	....	....	....	....	500	180 00
March	270	270 00	39	17 55	561	67 32	8,020	360 90	3	31 50	....	....	100	36 00
	1,734	1,734 00	287	129 15	6,899	827 88	104,365	4,696 41	48	504 00	4	7 25	600	216 00

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

Month	Insulin				
	200 Units	400 Units	800 Units	Protamine Zinc	Cost
1937					
April	2,050	6,050	315	750	5,008 25
May	1,630	5,296	364	975	5,539 27
June	1,575	3,591	175	1,190	4,233 95
July	1,325	4,490	215	1,175	4,804 38
August	1,350	4,550	170	1,105	4,747 12
September	1,175	3,675	235	1,395	4,359 37
October	1,575	3,950	277	1,010	4,487 35
November	950	3,650	305	1,587	4,482 07
December	1,075	5,050	285	1,745	5,600 62
1938					
January	1,550	4,625	385	1,725	5,608 62
February	1,250	4,725	290	1,725	5,435 12
March	1,750	4,500	420	1,080	5,179 00
	17,255	54,152	3,436	15,462	60,485 12

SUMMARY

Biological Products	$ 87,232 58
Less Syringes	808 80
Net Cost	$ 86,423 78
Insulin	60,485 12
Total Cost	$ 146,908 90

DIVISION OF MATERNAL AND CHILD HYGIENE

J. T. PHAIR, M.B., D.P.H., *Director.*

Maternal Care.

Despite the fact that there is an appreciable though small decline (from 5.6 in 1936 to 5.2 in 1937) in the maternal death rate for the Province, the number of women dying each year as the direct or indirect result of pregnancy still presents a challenge to both the public and profession alike. It must be borne in mind, however, that though this aforementioned decline in the mortality rate is not as striking as might be hoped for, the increasing completeness and accuracy of certification of deaths associated with pregnancy is undoubtedly responsible for the re-allocation of deaths to this category which hitherto had been placed in other brackets. It is further encouraging to report that since the introduction of the legislation which made necessary the reporting to the Department of all deaths associated with pregnancy, municipal authorities in the larger centres have shown more concern with the local situation. This interest has been evidenced by the attempt of the staff of the local health departments to acquaint themselves with the details of each case occurring locally.

It is not possible at the moment to present in its entirety the picture of the five year period for which detailed reports of all maternal deaths have been received. However, a comprehensive study showing the relationship of age, extent of pre-natal care, place and type of delivery, etc., in these cases is in progress and will be fully reported on at a later date.

The following table presents some interesting data:

CAUSE	1933 %	1934 %	1935 %	1936 %	1937 %
Puerperal Septiciemia	23	23	15	25.	22.5
Puerperal Toxemia	20	22	24	25.3	28.7
Abortion	18	20	18	16.9	16.6
Haemorrhage	13	16	11	10.4	12.5
Ectopic Gestation	3	4	4	4.2	2
Embolism and sudden death	12	6	12	11.2	12.2
Other Puerperal causes	11	9	16	7	5.6

(NOTE:—In each year there have been a number of deaths from extra-puerperal causes, such as those to whom pregnancy was an additional risk because of a pre-existing disease, also those in whom a fatal disease developed during pregnancy; those dying from these extra-puerperal causes are not included in this table.)

It is to be noted that there is no substantial change in the percentage of those dying from any of the commoner causes with the exception of puerperal toxemia. Deaths due to the toxaemias of pregnancy include those resulting from hyper-emesis gravidarum, eclampsia, fulminant toxaemia, etc. These are presumed to be due to defective functioning of such organs as the liver, kidneys, thyroid or from certain chemical changes in the foetus or placenta. The symptoms associated with these conditions are usually recognizable. Reasonable pre-natal care including regular examination should do much to reduce the toll of deaths from this cause.

While there is apparently a slight decrease in those deaths from septiciemia and septic abortion over the previous year, a more pronounced decline might have been anticipated because of the efficacy of the newer therapy in the treatment of streptococcic infections. A review of the 1938 reports, while not as yet complete would lead one to believe that the puerpural septiciemias will be quite markedly reduced, no doubt due, in part to the more wide-spread use of chemico-therapy.

Infant Care.

While there has been a continuous decline in the infant death rate over the last ten years, the rate for 1937, though sustained did not decline from that of 1936. In the face of this figure one might feel as the result of our present programme that we had reached an irreducible minimum in infant deaths. While this may be in part true in respect to those deaths occurring in the later months of infancy, much still remains to be done to lessen the number of those dying during the first two or three months of life. Review of the available data shows that over 56% of all deaths under one year of age occurred in the first month of life and almost a third of all deaths under one year of age were attributed to prematurity. These figures would point to the necessity for more fundamental investigation into the morbid factors of maternal and placental origin. The problem must now be approached from this angle if any further reduction in infant deaths is to be obtained.

Pre-School and School.

Attention must be drawn to the high mortality in the age group from 2-15 from accidental causes. In the elementary school age group this is by far the highest cause of death and in the pre-school age group accidents rank second, following closely those deaths from diseases of the respiratory tract. The continued high incidence of accidents among those age-groups is a further manifestation of the necessity for a more effective approach to the problem of accident prevention.

In the last year this Division again co-operated with several municipalities in the medical examination of children about to enter school. The desirability of physical preparation for school is an idea which appears to be gaining in favour judging from the interest shown in this field. Assistance in the programme of immunization against diphtheria and smallpox as carried out by the Department in the unorganized parts of the Province was also supplied by the Division.

Consultative and directional service has been furnished various centres which are seeking to evolve acceptable plans to fit the health needs of the high school population.

The evident concern being exhibited by many municipalities in the health of the pupils in the secondary schools is indicative of a growing realization of the value of sustained health supervision from conception to the age of self-dependency. Adequate health service in such schools must be more than a mere extension of the elementary school programme; it must be designed to specifically meet the needs of the group it presumes to serve. It must be investigatory, directional and consultative.

The Division again gave direction to the programme of the Department of Education, whereby all students seeking admission to one or other of the teacher-training schools are required to pass a rigid medical examination. The findings of the medical examiners are as follows:

42% had defective vision.
2.5% had defective hearing or ear disease.
7 % had defective teeth.
12 % showed abnormalties of the tonsils.
4 % had obstruction to nasal breathing or sinus and antra infection.
8 % had abnormalities of the thyroid gland.
10 % had wide deviations from the presumed normal in weight.
7 % showed cardiac abnormalities.
7 % showed variations in blood pressure.
4 % were definitely anaemic.
7 % had untoward findings in the urine.
4 % showed manifestations of nervous disorders.
2 % had orthopedic defects.
4 % had gastro-intestinal disturbances.
.5% had defects in speech.
.6% had hernia.
3 % had respiratory disease other than tuberculosis.
4 % had flat feet.
4 % had enlarged cervical glands.
4 % had other abnormalities.

In addition to these findings which in themselves are indicative of the need for health supervision in the secondary schools, forty cases of active tuberculosis have been discovered in the four years this programme of medical examination of students seeking admission to the teacher-training schools has been in effect. The Division feels that the discovery of these forty potential sources of infection eliminates a health hazard to which hundreds of children would have otherwise been exposed.

The Director again acted as Principal of the Summer Course in Health Education for teachers. This course was prompted by the desire of the Departments of Health and Education to stimulate a larger measure of concern on the part of teachers in the health of their pupils and was designed to aid in the solution of the health problems presenting. This course has gained in popularity with the teaching profession to the extent that the attendance last year was over three hundred.

PUBLIC HEALTH NURSING

EDNA L. MOORE, REG. N., *Chief Public Health Nurse.*

Throughout the year the public health nursing staff of the Division of Maternal and Child Hygiene and Public Health Nursing consisted of a chief public health nurse, five supervisors and ten staff nurses.

Four supervisors give consultant and advisory service to all local official public health nursing programmes as well as to specialized school health, tuberculosis and child hygiene programmes under non-official direction. This service includes the introduction of newly appointed nurses to their work.

With 105 centres and 12 units extending from Cornwall to Windsor, Niagara Falls to Cochrane, and Ottawa to Fort Frances, it is difficult with so few supervisors to give all that the department would like in the way of supervision. Every effort is made on the occasion of the supervisor's visit to give sufficient time in each centre for the observation and discussion of all phases of community health. After these visits reports are sent to the officials sponsoring the work. The staff have recently emphasized the desirability of the local library boards having on their shelves books and journals on health subjects that would assist in the promotion of sound information with respect to individual and community health.

One supervisor and eight staff nurses constitute the public health nursing staff of the Eastern Ontario Health Unit; one nurse is attached to the Division of Health Education and another carries out a generalized public health nursing programme in the Temaskaming district.

On July 31st, Miss Bertha Johnson of the supervisory staff was seriously injured in a motor accident, as the result of which she was unable to return to duty during the balance of the year.

For ten months of the year a staff nurse from the Health Unit was on leave of absence to assist with the nursing programme of the Ontario Society for Crippled Children. A relief nurse carried on the work in the district.

During the Summer School session, a member of the supervisory staff was on duty at the Health Education Course where she was in charge of the nursing activities of the health service in the practice school; she also assisted with the health service to the teacher-students.

The London Board of Health requested that Miss Hilda Pennock of the supervisory staff be loaned for four months as the acting director of nursing in their newly amalgamated service. This was arranged for the months of June, July, August and September, and at the end of the period a director of nursing was appointed. The Board expressed much satisfaction with the organization developed by Miss Pennock.

In Ottawa the Board of Health extended the public health nursing service in 1937 by increasing the staff employed. Assistance was given the local supervisor and staff in reorganizing the programme of maternal and child hygiene, communicable disease and school nursing carried on in the separate schools of the city.

York Township completed arrangements for the amalgamation of the nursing services and the setting up of a generalized public health nursing programme. The public health nursing needs of the district were carefully considered and in conjunction with the local authorities, an attempt was made to evolve a suitable programme which would meet them.

St. Catharines continued the development of the generalized service initiated in 1937. In December a supervisor of nursing was appointed to commence her work, January, 1939.

Twenty-six new nurses were introduced to the local programme by the Department supervisory staff.

Group conferences were conducted at North Bay, Sudbury, Timmins, Kirkland Lake and Haileybury, by the chief public health nurse.

In the Temaskaming district, two new schools were built, making the total 94 with 3,107 children enrolled. Rooms were added to several schools and the attendance increased so much that the stagger class system was adopted in several centres. This district includes part of three school inspectorates. During 1938, 65 schools were visited for routine inspection; in addition several visits were made to certain schools in connection with the local programme of immunization. Parents were notified of 439 apparent physical defects other than dental, and 203 of these were corrected during the year. Children having dental defects numbered 1,234 and of these 207 had corrections. In the organized townships of the district, 408 children received protection from diphtheria, 873 were vaccinated against smallpox, 47 received whooping cough vaccine and 56 were given five doses of scarlet fever toxin. Tuberculin tests were given to 1,205 children and those showing a positive reaction to the test were X-rayed. The organization necessary for such a programme of immunization is time-consuming and represents many miles of travel.

In Teck Township and the Town of Timmins, the public health nursing staffs were increased and additional facilities provided for carrying out more efficient service.

At Copper Cliff, Levack and Creighton Mine, a public health nursing service was established by the International Nickel Company.

In the Town of Bowmanville the citizens were asked to vote on the question of re-establishing the public health nursing service which had been discontinued by council at the end of April. The result of the vote was in favour of the re-establishment of the service.

The problem of staff education is partly met by the Refresher Courses organized regularly by the University of Toronto School of Nursing and Department of Extension, and occasionally by the Public Health Institute of the University of Western Ontario, as well as group and regional conferences held in different centres.

Notes on the papers presented at Refresher Courses were prepared and mimiographed copies distributed to the public health nurses in the Province.

As in past years, an attempt has been made to bring together qualified public health nurses and agencies wishing their services.

A conference was held with the chief superintendent and the Ontario supervisors of the Victorian Order of Nurses. It is the opinion of both groups that such a meeting should be arranged at least once a year for the discussion of common problems.

An interesting co-operative arrangement was made with the Women's Institute Branch of the Department of Agriculture. It gave to our staff in the Eastern Ontario Health Unit, the benefit of several discussion periods on nutrition under the leadership of a member of the Institutes staff, while our staff members, in the course of their work, helped in the introduction of the recently appointed Home Economics Coach to the homes of the district.

The helpful advice of our honorary consultant, Miss Elizabeth L. Smellie, C.B.E., Reg.N., is a strength to the service and a source of encouragement to the chief public health nurse and members of the supervisory staff in particular.

A detailed account of the public health nursing service of the Eastern Ontario Health Unit is contained in the Annual Report of the Unit

EASTERN ONTARIO HEALTH UNIT

M. G. Thompson, M.B., D.P.H., *Medical Director.*

In preparing the Annual Report upon the activities of the Health Unit during the past year, one is naturally prompted by a desire to elaborate on those aspects of the programme which lend themselves to favourable comment. While there are various phases of the work which are discouraging by their necessary slowness of progression, it is gratifying indeed to report on the success of the St. Lawrence Sanatorium.

This, as noted in the report for 1937, was opened in October of that year and has for some months been filled to capacity. Already there has been a number of patients discharged with their condition arrested, and, with each case returning to their homes improved in health, there is less resistance on the part of other cases to sanatorium treatment. In the past year, 100 patients were admitted to sanatoria as compared with 63 in 1937. Admissions from Prescott and Russell Counties increased from 18 to 33. Of these, 19 went to sanatoria in Western Ontario, whereas only 7 did so in 1937. The new scheme whereby the Government relieved the municipalities of the cost of treatment has been a great help in securing many of these admissions, but there has been, since the organization of the Unit and particularly since the building of the Sanatorium, a great change throughout the whole area in the attitude of the general public towards the controlling of this disease.

Tuberculosis is still the greatest public health problem in the eastern counties. During the year, 60 deaths were reported, a rate of 68 per 100,000 population. This is more than double the rate for the Province as a whose (33.4)). Table I gives the tuberculosis mortality rates by counties for the past eight years.

TABLE I

TUBERCULOSIS MORTALITY RATES—COUNTIES OF EASTERN ONTARIO HEALTH UNIT

Year	Glengarry	Stormont*	Prescott	Russell	Total Unit
1931	102	79	61	65	76
1932	90	37	80	91	74
1933	84	50	51	89	66
1934	52	37	47	41	45
1935	102	60	54	57	67
1936	66	27	85	52	60
1937	55	67	35	36	49
1938	96	60	77	41	68

*Excluding the Town of Cornwall

Chest Clinics were conducted by the Division of Tuberculosis Prevention in the following centres: Alexandria, Cornwall, Casselman, Hawkesbury, Plantagenet and Rockland; and by Dr. G. W. Cragg, Medical Superintendent of the St. Lawrence Sanatorium, at Alexandria and Finch. A considerable number of examinations were made too at clinics at the St. Lawrence Sanatorium and the Royal Ottawa Sanatorium and at the Ottawa office of the Division's clinician, Dr. D. McCallum. A total of about 1410 X-ray examinations were made, which is approximately 500 more than last year. All the clinics in the various towns were organized by the Unit's nursing staff and the nurses have spent considerable time rounding up contacts of known cases and arranging for their examination.

STATEMENT OF COMMUNICABLE DISEASES IN 1938—Continued.

TABLE II

Nursing District	Total Known Contacts 25 years and under	Total Known Contacts 26 years and over	Contacts Examined 25 years and under	Contacts Examined 26 years and over
Alexandria	180	114	97	45
Lancaster	179	124	78	23
Hawkesbury	286	172	139	68
Plantagenet	210	90	104	45
Casselman	123	37	62	20
Rockland	112	68	47	34
Cornwall	167	86	82	36
Finch	81	33	41	12
Totals, Dec., 1938	1338	724	650	283
Per cent. with Examinations up to date, Dec., 1938			49%	39%
Totals, Dec., 1937	1046	520	439	148
Per cent. with Examinations up to date, Dec., 1937			42%	28%

Table II shows the number of contacts of tuberculosis cases and the number who have received the suggested number of examinations. Because of the increased number of patients seen at the clinics this year, the percentage of such examinations shows a considerable increase over last year. There are still, however, a large number of contacts who have never attended a clinic or who did not receive a re-examination at the time recommended by the examining clinician. The clinics held were filled to capacity and there was, of necessity, an effort made to select those cases who were in most urgent need for examination.

TABLE III

SUMMARY OF TUBERCULOSIS CASES

	Alexandria	Lancaster	Hawkesbury	Plantagenet	Casselman	Rockwell	Cornwall	Finch	Totals for Year 1938	Comparative Totals for Year 1937
Cases at home, Jan. 1, 1938	65	36	76	32	19	28	13	13	282	260
New Cases found during year	23	37	26	27	12	17	27	15	184	109
Returned home from Sanatoria	9	4	4	4	2	4	8	1	36	22
Moved into district	1	2	0	2	0	0	4	0	9	7
Died at home	1	5	12	6	1	6	3	2	36	31
Moved from district	4	4	3	1	3	2	1	4	22	18
Diagnosis reversed	4	1	9	1	0	1	2	0	18	4
Admitted to sanatoria	22	20	15	8	5	5	16	9	100	65
CASES AT HOME, Dec. 31, 1938	67	49	67	49	24	35	30	14	335	282
In sanatoria, Jan. 1, 1938	14	11	9	8	1	6	20	2	71	43
Admitted to san. this year	22	20	15	8	5	5	16	9	100	63
New case to district by change of address of family	0	0	1	0	0	0	3	0	4	0
Discharged from san. this year	9	4	4	4	2	4	8	1	36	22
Died in Sanatoria	9	4	1	1	0	1	4	4	24	10
Discharged—family moved out of Unit	0	0	0	0	0	0	1	0	1	3
Discharged—family moved to another district in Unit	1	1	0	1	0	1	0	0	4	0
CASES IN SAN., Dec. 31, 1938	17	22	20	10	4	5	26	6	110	71
TOTAL CASES—at home and in San	84	71	87	59	28	40	56	20	445	353

Table III states the number of new cases found; deaths; admissions and discharges from sanatoria; and other pertinent data.

TABLE IV

KNOWN TUBERCULOSIS CASES—EASTERN ONTARIO HEALTH UNIT—DECEMBER 31st, 1936, 1937 and 1938

NURSING DISTRICT	Year	Grand Total	STAGE OF DISEASE (Cases at Home)						ACTIVITY (Cases at Home)				Cases in Sanatoria
			Min.	Mod. Adv.	Adv.	Child-hood	Other	Undeter-mined	Act	Quiesc.	Arr.	Undeter-mined	
Alexandria	1936	68	26	15	9	3	1	5	15	16	25	3	9
	1937	79	34	19	4	3	2	3	7	25	30	3	14
	1938	84	34	18	7	5	2	1	9	20	34	4	17
Lancaster	1936	41	11	5	6	0	4	5	5	5	16	5	10
	1937	47	17	6	4	1	3	5	4	7	20	5	11
	1938	71	20	12	5	4	3	5	10	10	23	6	22
Hawkesbury	1936	78	30	20	8	1	6	8	23	23	16	11	5
	1937	85	37	18	8	1	7	5	19	29	20	8	9
	1938	87	28	21	6	2	5	5	15	26	19	7	20
Plantagenet	1936	38	21	8	3	0	0	1	14	7	11	1	5
	1937	40	21	9	2	0	0	0	9	11	12	0	8
	1938	59	29	13	3	2	1	1	14	15	17	3	101
Casselman	1936	16	8	4	0	1	0	0	6	2	5	0	3
	1937	20	10	4	0	3	0	2	6	6	7	0	1
	1938	28	15	4	3	2	0	0	7	6	10	1	4
Rockland	1936	33	13	6	4	1	3	2	13	6	6	4	4
	1937	34	13	8	2	1	2	2	8	10	6	4	6
	1938	40	17	10	3	1	2	2	10	12	7	6	5
Cornwall	1936	20	3	5	2	0	0	3	5	5	0	3	7
	1937	33	6	4	0	2	0	1	3	4	5	1	20
	1938	56	19	6	0	3	0	2	7	8	15	0	26
Finch	1936	9	4	0	1	4	0	0	2	1	5	1	0
	1937	15	7	3	0	3	0	0	4	5	3	1	2
	1938	20	8	1	1	4	0	0	5	3	5	1	6
TOTALS	1936	303	116	63	33	10	14	24	83	65	84	28	43
	1937	353	145	71	20	14	14	18	60	97	103	22	71
	1938	445	170	85	28	23	13	16	77	100	130	28	110

Table IV gives by nursing districts the number of known cases of Tuberculosis in the Unit area and the present stage and activity of the disease in those residing at home.

TABLE V

SUMMARY OF TUBERCULOSIS CASES RESIDING AT HOME BY STAGE OF DISEASE AND ACTIVITY—1936—1937—1938

STAGE OF DISEASE	Year	ACTIVITY				Total
		Active	Quiescent	Arrested	Undetermined	
Minimal	1936	30	38	47	1	116
	1937	19	61	64	1	145
	1938	26	56	85	3	170
Moderately Advanced	1936	25	18	20	0	63
	1937	22	27	21	1	71
	1938	20	33	26	6	85
Advanced	1936	22	8	3	0	33
	1937	12	5	3	0	20
	1938	20	4	4	0	28
Childhood	1936	0	1	8	1	10
	1937	0	3	10	1	14
	1938	4	4	12	3	23
Other Forms	1936	3	0	5	6	14
	1937	3	1	4	6	14
	1938	2	3	3	5	13
Undetermined	1936	3	0	1	20	24
	1937	4	0	1	13	18
	1938	5	0	0	11	16
TOTALS	1936	83	65	84	28	260
	1937	60	97	103	22	282
	1938	77	100	130	28	335

In Table V, further information on the condition of the disease in those patients who are still residing at home is given.

From these Tables it will be noted that:

(1) 184 new cases were found this year as compared with 109 in 1937. This is due to the more complete coverage this year by the chest clinic service.

(2) 100 patients were admitted to sanatoria. Of these, 67 were from Glengarry and Stormont and 33 from Prescott and Russell. In 1937, admissions totalled 45 and 18 respectively. Of the 33 patients admitted to sanatoria from Prescott and Russell this year, 19 went to sanatoria in Western Ontario, whereas only 7 did so in 1937.

(3) There are now 77 active cases of tuberculosis remaining in their homes. This is 17 more than in 1937 and is undoubtedly due to the increased number of examinations made during the past year. While there are several patients whose names are on the waiting lists of sanatoria, there are also a number scattered throughout the district who refuse all facilities for treatment.

(4) Only 14 patients from Prescott and Russell Counties were admitted to sanatoria in eastern Ontario and Quebec. All the others who were admitted had to travel over 300 miles to the nearest hospital. Naturally, there are those who refuse to make this long trip and remain at

home in the hope that they may ultimately gain admission to the Royal Ottawa or St Lawrence Sanatoria. It is understood that some consideration is being given to a plan whereby a 50 bed wing would be constructed at the Royal Ottawa Sanatorium for patients from these two counties.

TABLE VI

CASES OF COMMUNICABLE DISEASE REPORTED

Chickenpox	51
Diphtheria	24
Gonorrhoea	13
German Measles	2
Measles	10
Mumps	135
Paratyphoid Fever	0
Poliomyelitis	1
Scarlet Fever	25
Syphilis	15
Typhoid Fever	8
Whooping Cough	52

There were no deaths from communicable diseases in the Unit area during 1938. Of the 24 cases of diphtheria reported, 19 occurred in Cumberland Township, Russell County, where very little immunization by toxoid has been carried out among children of school and pre-school ages. Since the outbreak, the school boards of two of the larger school sections have had toxoid administered to the children of their respective areas.

TABLE VII

IMMUNIZATION BY COUNTIES DURING 1938

County	Diphtheria		Smallpox	
	5 Years and Over	Under 5 Years	5 Years and Over	Under 5 Years
Glengarry	280	185	282	94
Prescott	382	261	400	275
Russell	489	159	35	53
Stormont	78	64	442	88
Total	1229	669	1159	510

Table VII gives, by county, the number of children immunized during 1938. Diphtheria toxoid clinics were held in 14 municipalities during the year.

With the exception of Cumberland Township, every municipality in the Unit has had at least one toxoid campaign; of the 29 municipalities, 19 have offered free clinics to the public on two or more occasions. There are 5 municipalities that have not offered free smallpox vaccination clinics to their residents.

TABLE VIII

PERCENTAGE OF CHILDREN IMMUNIZED AGAINST DIPHTHERIA AND SMALLPOX, DECEMBER 31, 1938

County	Diphtheria % School (5–14)	Diphtheria % Preschool (1–4)	Smallpox % School (5–14)	Smallpox % Preschool (1–4)
Glangarry	75	24	53	12
Prescott	56	24	53	9
Russell	46	17	30	15
Stormont	68	14	40	6
All Health Unit	60	20	45	10

Table VIII gives the percentage of children, by county and by age-group, immunized against diphtheria and smallpox at the end of 1938.

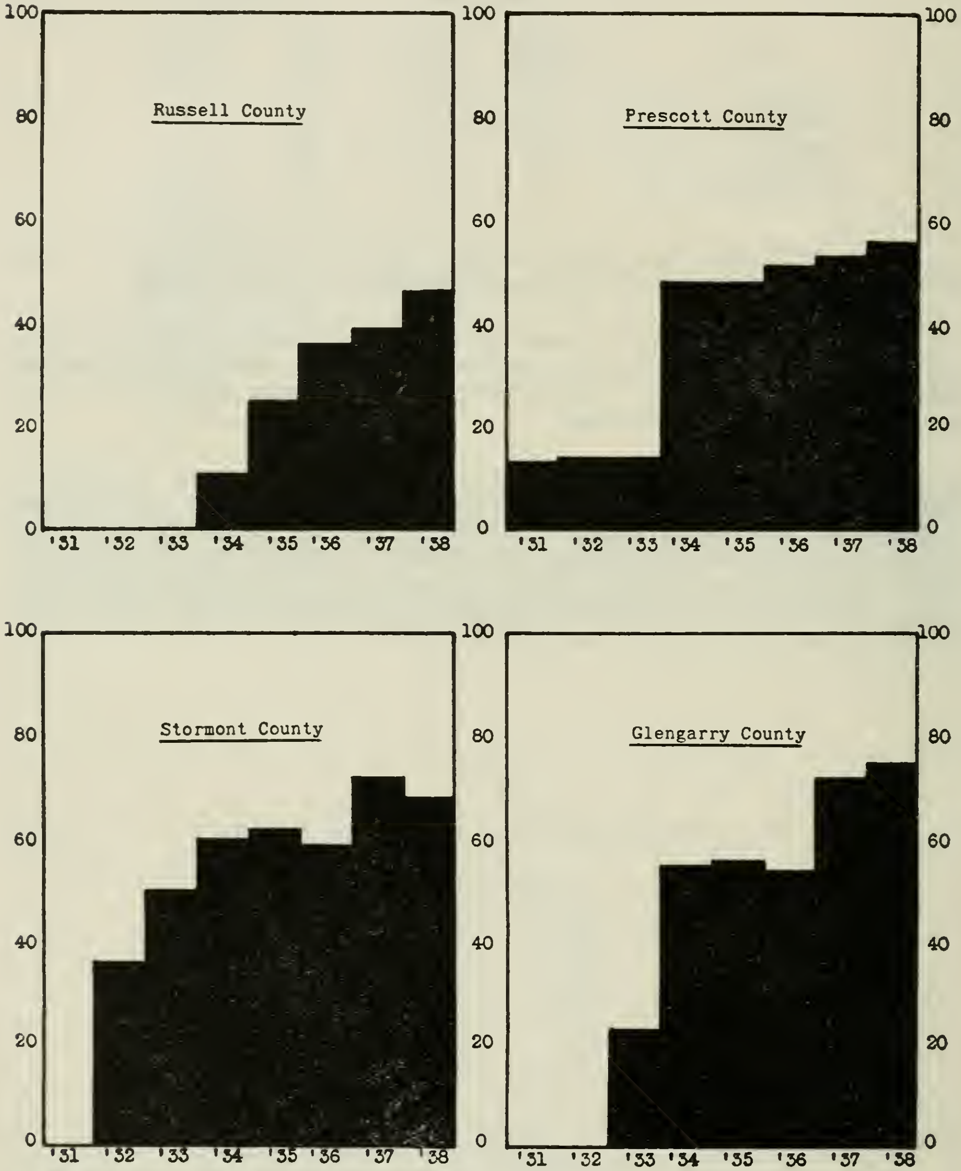
Note:—In computing the rates for the preschool section of this table, the population of this age-group was estimated from the number of births, less infant and preschool deaths. In computing the rates for the school-age children, the 1931 census returns were used.

Only those children who have received the full three doses of toxoid are considered as immunized against diphtheria. In the distinctly rural sections of the Unit, there is a considerable number of children, particularly in the preschool group, who receive only one or two doses. Some of these may go to their family physician for the third, but such cases are not always reported to the Unit. There is also a considerable number of vaccinations made each year by family physicians of which no record is received.

GRAPH I

DIPHTHERIA TOXOID IMMUNIZATION—EASTERN ONTARIO HEALTH UNIT

Per Cent. Immunized by Counties—School Age Group (5 thru 14 yrs.)

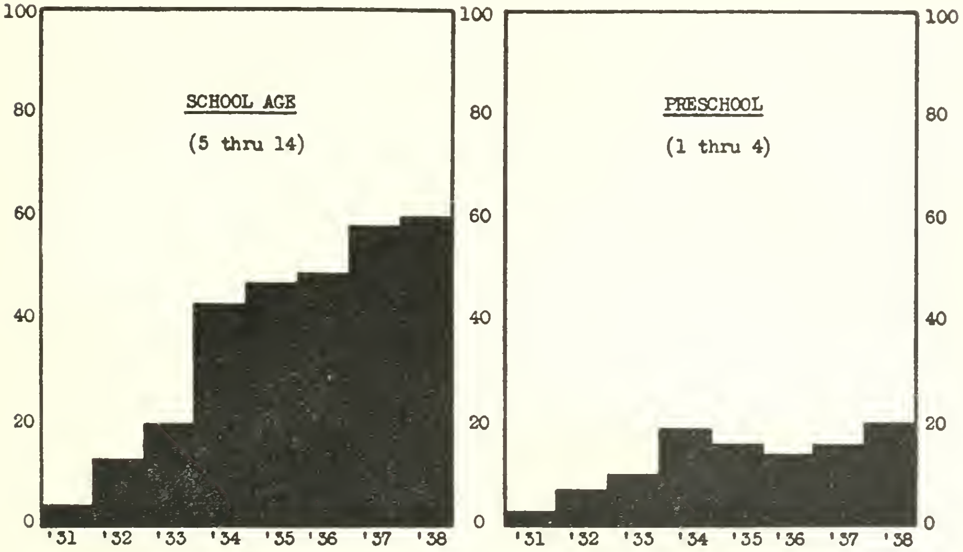


Graph I shows by county the percentage of school children protected against diphtheria each year since 1931.

GRAPH II

DIPHTHERIA TOXOID IMMUNIZATION—EASTERN ONTARIO HEALTH UNIT

Percentage Immunized



In Graph II, the percentages immunized for the whole Unit by school age (5 thru 14) and by preschool age (1 thru 4) are shown, from which it will be seen that in both age-groups the percentage immunized in 1938 is the highest of any year on record.

During 1938, our efforts were directed towards the diphtheria toxoid campaign and no scarlet fever immunization was carried out. It is hoped to place additional emphasis on immunization against scarlet fever and smallpox in 1939.

Infant and Child Hygiene.

The infant mortality rate for the Unit area for the year 1938 is the lowest ever recorded, being approximately 68 per 1,000 live births. The rates for 1938 are based upon deaths reported to the end of November, and estimated deaths for December.

TABLE IX

INFANT MORTALITY RATES—EASTERN ONTARIO HEALTH UNIT

Year	Glengarry	Prescott	Russell	Stormont*	All Unit
1931	109	81	110	107	99
1932	94	97	110	83	97
1933	85	110	119	72	99
1934	73	119	107	79	98
1935	46	97	79	78	80
1936	40	87	85	50	70
1937	80	118	79	41	81
1938	45	107	68	41	68

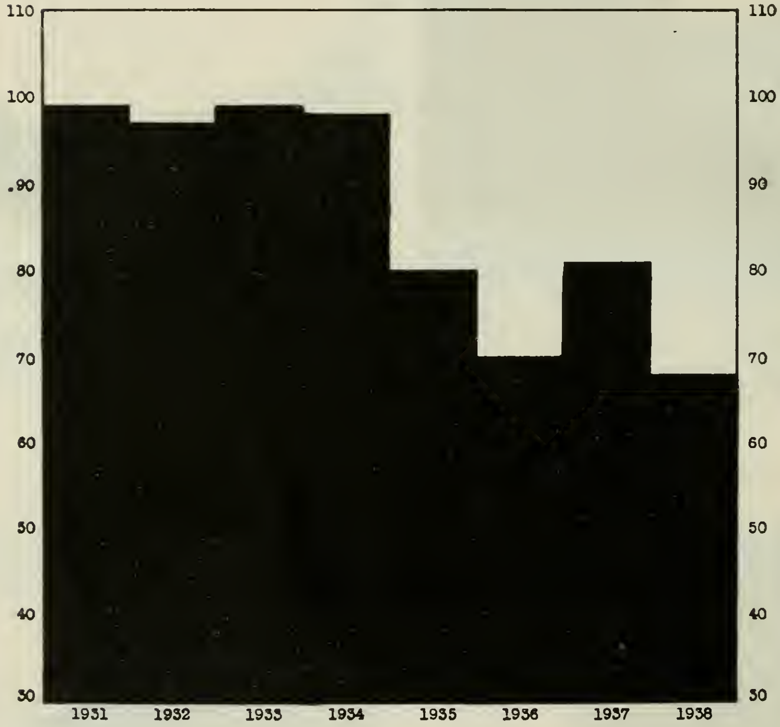
*Excluding Cornwall Town.

In Table IX the infant mortality rates for the individual county and for the Unit as a whole are given for each year, 1931 to 1938.

GRAPH III

INFANT MORTALITY—EASTERN ONTARIO HEALTH UNIT

Deaths of Children under 1 year of age per 1,000 Live Births.

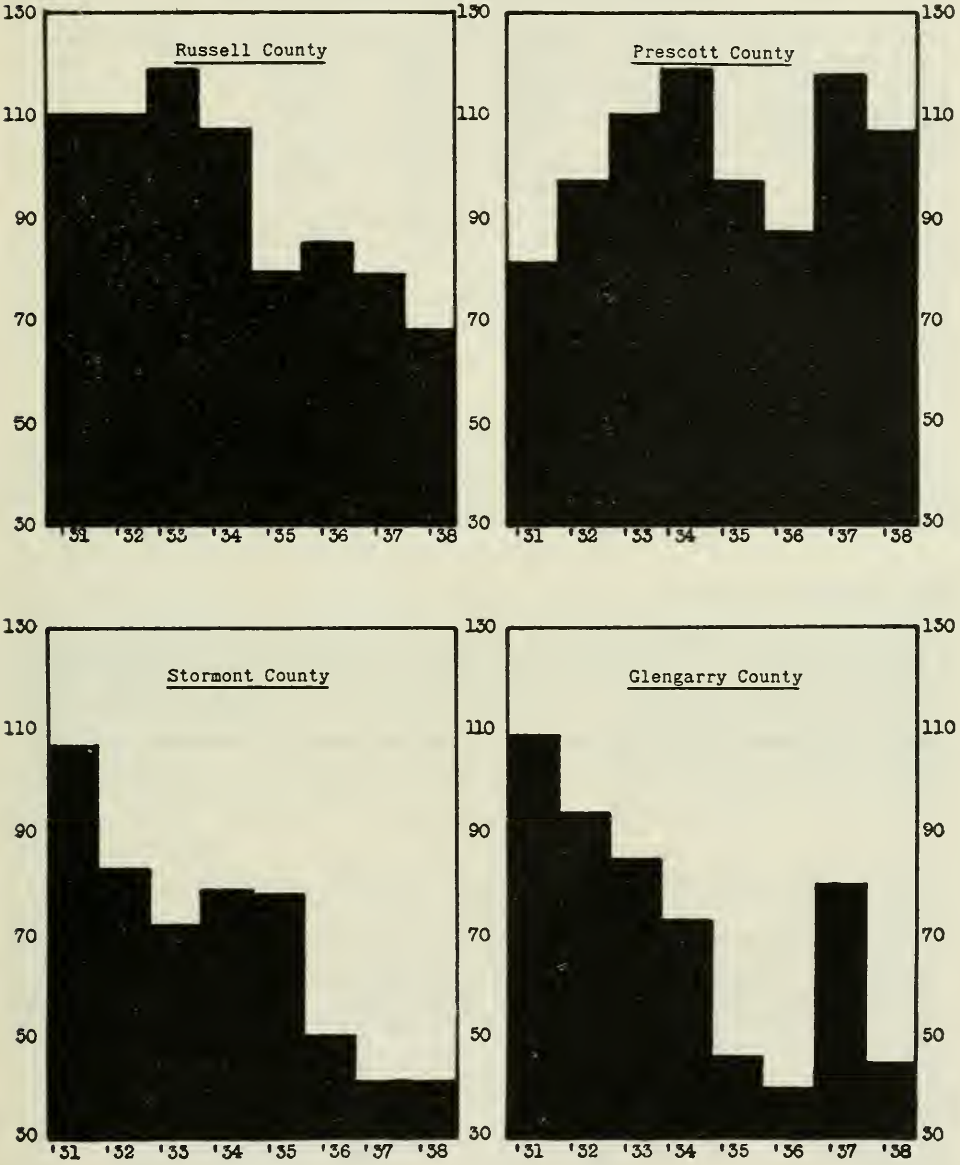


Graph III illustrates the trend in infant mortality rates in the Unit as whole—1931-1938

GRAPH IV

INFANT MORTALITY—EASTERN ONTARIO HEALTH UNIT

Deaths per 1,000 Live Births



Graph IV illustrates the trend in infant mortality rates in each county—1931-1938.

Since the inception of the Unit, apart from the year 1937, there has been a decline each year in the infant death rate. In considering the rate for 1937 (81 per 1,000 live births), it is interesting to note that the increase occurred in Glengarry and Prescott Counties and was due to respiratory and intestinal diseases. In these Counties there was an epidemic of influenza in January of that year.

TABLE X

A COMPARISON OF THE CAUSES OF INFANT DEATHS IN THE EASTERN ONTARIO HEALTH UNIT DURING THE PERIOD JANUARY-NOVEMBER OF THE YEARS 1936–1937–1938

	Per cent. of Total Infant Deaths			*Deaths per 1,000 Births		
Cause of Death	1936	1937	1938	1936	1937	1938
Premature birth	36.0	19.7	29.4	25.1	16.7	20.3
Respiratory causes	10.4	23.7	11.9	7.3	20.0	8.2
Intestinal diseases	10.4	17.8	8.7	7.3	15.0	6.0
Congenital debility	9.6	7.9	11.9	6.9	6.7	8.2
All Other Causes	33.6	30.9	38.1	23.4	26.1	26.4
All Causes	100.0	100.00	100.0	70.0	84.5	69.1

*Estimated from deaths reported January-November each year and calculated on a per annum basis.

Table X shows the chief cause of infant deaths in the Unit area for the years 1936, 1937 and 1938, from which it will be noted that deaths from premature birth and congenital debility accounted for over 40 per cent. of the infant deaths reported during 1938.

The toll of infant life in 1937 from respiratory infections and intestinal diseases is well illustrated in this table. In spite of the higher rate in 1937, the infant mortality rates in the Health Unit area for the period 1935-1938 are about 23 per cent. less than the rates for the period 1931-1934.

Child Health Conferences.

Child Health Conferences were held this year in six of the larger centres of the Unit district. The Conference started in Plantagenet in April was well attended. The Conference at Rockland had to be temporarily discontinued on account of staff adjustments. It was felt that the attendance at the Moose Creek Conference in 1937 did not justify its continuance. Altogether, 59 Conferences were conducted with an average attendance of 11.

TABLE XI

ANALYSIS OF CASES ATTENDING CHILD HEALTH CONFERENCES DURING 1938

		Age on 1st Visit in 1938						Figures for 1937		
Village or Town	Clinics Held	1–3 mos.	4–6 mos.	7–12 mos.	Pre-School	Individuals.	Total Visits	Clinics Held	Individuals	Total Visits
Alexandria	12	26	11	5	16	58	160	12	61	161
Casselman	12	11	9	5	5	30	98	12	31	100
Embrun	6	10	6	7	7	30	59	7	15	31
Hawkesbury	13	25	10	5	1	41	141	10	46	125
Lancaster	7	5	1	6	10	22	48	8	49	102
Plantagenet	9	27	15	18	2	62	129	0	0	0
Rockland	....	....	....	....	....	......	0	5	28	37
Moose Creek	....	....	....	....	....	......	0	3	10	13
Total	59	104	52	46	41	243	635	57	240	569

Table XI gives the attendance report in detail for the Child Health Conferences held in six centres of the Unit area during 1938. Figures for the year 1937 are included for comparison.

Summer Round-up of Pre-School Children about to Enter School.

With the idea of arousing interest in sending a child to school for the first time in the best possible health, the staff of the Unit carried on two interesting efforts this year. The first was a comprehensive campaign of education of the parents by means of well-planned and effective publicity in the newspapers throughout the unit. The parents were urged to take the children who were to enter school in September to their family physician in May or June and have correction made of conditions which would handicap the child in his school work. The second was to offer an examination service in two centres during the month of June where examination was given by the Medical Director of the Unit to all children applying for the service.

Within the unit area there are no free treatment facilities for either pre-school or school-age children. Added to this is the fact that a large proportion of the families are in the lower wage-earning groups. These, among others, are reasons for the small number of corrections of defects found in both the pre-school and school-age groups.

School Health Service.

Because of the extensive area; the large population widely scattered and the small number of nurses, one visit to each school is all that can be planned during the year. In some instances, it is impossible to give even this minimum service, owing to road conditions during several months of the year. It is, therefore, difficult to secure correct data covering the extent to which defects have been corrected and health practices improved.

The yearly programme of work in the schools is as follows: In the village schools all children are weighed and measured and their vision tested; special physical inspection by the nurse is given to all beginners, those scheduled to leave school during the current school year, and those with previously noted defects. The children in other grades are seen at classroom inspections.

In the schools of four rooms or over, post-vacation inspection is given after the mid-summer, Christmas and Easter vacations, in order to discover symptoms of communicable, skin and other diseases. The children who are sent home as a result of these inspections are visited by the nurse in as many instances as possible.

In all one-room schools visited, special physical inspection is given by the nurse to all children in attendance at the time of the visit. During the year 1938 a total of 7,249 children received special physical inspection; 8,193 children received post-vacation inspection; 1,501 visits were made to homes to urge consultation with family physician and dentist regarding physical defects, and to discuss with parents the general health practices of the children.

TABLE XII

No. of class rooms inspected	231	
No. of pupils on register	6638	
No. of pupils receiving S.P.I. or C.R.I.	6031	
No. of children referred to doctor	2227	37 per cent.
No. of children referred to dentist	2764	46 per cent.
No. of children with no apparent defects	2155	36 per cent.
No. of children with defect of teeth only	1649	27 per cent.

Table XII presents some interesting items with respect to the School Health Service.

TABLE XIII

FINDINGS AT INSPECTION

Defect	New Defects	Old Defects	Defects Corrected	Apparent Defects Subsided
Vision	309	261	104	66
Hearing	31	33	0	22
Nasal breathing	140	374	69	24
Abnormal tonsils	445	800	168	45
Dental	1133	1631	452	6
Enlarged thyroid	20	7	1	1
All other	194	214	27	41
Totals	2272	3320	821	205

Table XIII shows the major defects found, together with the number of corrections made and improved conditions noted.

Orthopaedic Work.

An Orthopaedic Clinic was conducted in Alexandria in November by Dr. James Murray, orthopaedic surgeon of Ottawa. Twenty cases attended this Clinic, about half of whom were children who suffered from poliomyelitis in the 1937 outbreak. Sixteen of these cases are under treatment; in two cases treatment is being arranged for; and two were found not to need treatment. The local branch of the Catholic Women's League arranged for the transportation of a number of these cases to and from the Clinic. The Alexandria Clinic was the only orthopaedic clinic held in the Unit area. Members of the nursing staff, arranged during the year for the examination and treatment of a considerable number of cases from other parts of the Unit at Ottawa, Montreal and Toronto.

Mental Health Clinics.

These Clinics have been held one day a month throughout the year in the headquarters office of the Unit in Alexandria by Dr. C. H. Gundry, Clinic Director of the Ontario Hospital staff of Brockville. Dr. Gundry also holds clinics in St. Joseph's Industrial School at Alfred, in Hawkesbury and in Cornwall monthly. This service is of inestimable value, touching as it does a great need, but education of the public is required before it will be used to the fullest extent.

Meetings.

As in past years, a considerable number of meetings of Women's Institutes, church organizations and municipal councils were addressed by the Medical Director, the Supervisor of Nursing and the Sanitary Engineer.

Nursing Service.

Two graduate students from the School of Nursing, University of Toronto, were given field experience in the Unit.

Members of the staff attended Refresher Courses held in Ottawa and Toronto.

Five staff meetings were held during the year. Miss Vera Bambridge, Nutrition Specialist of the Women's Institute Branch of the Ontario Department of Agriculture, discussed with the staff at two of these meetings, nutrition problems as they affect the area. Miss Hollinger, Field Secretary of the Junior Red Cross, attended a third meeting, and her explanation of the aims of the Junior Red Cross Clubs in schools was most helpful. It is hoped to have her visit in the schools with the staff nurses at a later date.

In September, three nurses assisted with the physical examination of Normal School students in Ottawa and Toronto. 7,053 Nursing Visits were made by the staff. These included 149 visits made, for the most part, to demonstrate bedside care of patients to members of their families. 1,194 Special Activity Visits were made; the majority of these were for the purpose of securing attendance of patients and contacts at chest clinics.

Visits to maternity cases were increased about 50 per cent. over the previous year. It is interesting to note that most of these cases were discovered by the nursing staff, either directly or indirectly, through their home visiting activities.

In two districts where intensive work was done, of forty-one expectant mothers given nursing supervision, only three were referred by physicians; one mother was in the eighth month of pregnancy and two were in the ninth. However, 29 of the 41 patients had reported to their physicians before the end of the 5th month of pregnancy. It is evident that expectant mothers are making contact with the family physicians at an earlier date than heretofore.

Classes in Home Hygiene and Care of the Sick were organized in three centres. A total of thirty-one sessions were held with an average attendance of twenty-eight.

Table XIV is a summary of the activities of the nursing staff during the past year.

TABLE XIV

SUMMARY OF ACTIVITIES OF NURSING STAFF EASTERN ONTARIO HEALTH UNIT FOR THE YEAR 1938

Type of Visit	Nursing District								Total All Staff
	Alex.	Lanc.	Corn.	Finch	Hawk.	Plant	Cass.	Rock	
Health Supervision:									
Infant	296	127	125	213	211	136	36	132	1276
Preschool	110	185	136	162	162	81	34	19	889
School	122	235	165	291	322	150	90	126	1501
Adult	17	20	20	169	231	80	13	54	604
Maternity:									
Prenatal	138	36	37	71	32	47	57	21	439
Delivery	0	0	0	1	0	0	3	0	4
Post Partum	147	14	14	21	29	33	33	12	303
New Born	135	19	24	14	16	29	30	0	267
Morbidity:									
Non-Communicable	52	1	5	19	36	16	122	18	269
Com.—All Acute	1	0	0	8	4	11	4	14	42
Skin	0	2	6	4	7	2	1	17	39
V. D.	0	0	0	4	1	8	0	0	13
Tuberculosis:									
Diagnosed	122	61	32	74	223	112	45	79	748
Suspect	2	9	5	1	16	18	1	14	66
Contact	28	136	9	13	6	3	3	22	220
Visits in behalf of	18	0	31	58	100	47	18	17	289
Social Service	7	6	1	50	4	13	3	0	84
Bedside	(29)	(3)	(2)	(11)	(4)	(18)	(59)	(23)	(149)
Special Activities:									
Re Clinics	107	33	44	202	293	199	234	82	1194
Promotion of Work	76	102	71	371	86	98	65	97	966
All other	87	5	96	160	80	123	94	9	654
Total Visits	1465	991	821	1906	1859	1206	886	733	9867
Clinics:									
Diphtheria—3 doses	465	0	142	0	315	401	341	234	1898
Scarlet Fever—5 doses	0	0	0	12	0	0	0	0	12
Vaccinations	286	0	0	530	247	235	0	0	1298
Child Health Conferences:									
No. conferences held	12	7	0	1*	13	9	19*	0	61
No. children attending	160	48	0	23	141	129	178	0	679
Schools:									
Class rooms inspected	33	58	50	28	42	35	28	11	285
No. inspected	0	63	127	0	0	122	0	0	312
No. S.P.I.	808	1360	1397	661	1133	784	795	311	7249
Quick inspections	2332	560	444	371	176	726	903	2681	8193
Meetings—Attended	10	16	16	17	6	4	8	2	79
Addressed	0	0	0	0	2	1	3	3	9
Nursing Classes	0	0	19	0	4	12	0	0	35
Days off Duty—Illness	34	10½	14	3	26½	1½	12	2	104
Chest Clinic—Days	5½	½	0	1	10	7½	10	4	38½
Fairs Attended	5	3	2	5	0	2	0	0	17
Vacation—Days	18	25†	18	0	18	18	18	18	133

*Includes one preschool clinic.

†All of Miss Lunn's 1937 vacation and part of her 1938 vacation were taken within the calendar year 1938.

SANITARY ENGINEERING ACTIVITIES

During 1938, the programme of work in this branch of public health activity in the Health Unit area was conducted along similar lines to that of preceding years. It included regular inspections instituted by the sanitary engineer in connection with water and milk supplies and special investigations conducted at the request of local boards of health and other public bodies and private individuals. The inauguration of compulsory pasteurization in many areas in the province by provincial statute necessitated the devotion of considerably more time to this branch of the work. There was also an increase in the number of individuals who requested advice in connection with private water supplies and sewage disposal problems.

Water Supplies.

At Hawkesbury, major alterations and improvements at the water purification plant were completed. An additional filter unit was built and the three existing units were overhauled and repaired. The filtering capacity of the plant based on a rate of 2 gallons per square foot per minute is now almost 2,000,000 gallons per day. A dry feed machine for applying alum was also installed to replace the solution tanks which had to be removed to make room for the new filter unit. Changes made in the pumping equipment involved the removal of the steam driven pumps and their replacement with electric pumps with auxiliary gasoline engine drives. With the replacement of the chlorination apparatus with new equipment, which is expected to be made in 1939, the town will be have a well-equipped and efficient water purification plant. While much of the expenditure will ultimately be returned as a result of savings in operating charges, much commendation is due to the local authorities who have undertaken this very necessary work at a time when the local financial situation is none too promising.

At Alfred, following a series of reports which indicated that the water supply was subject to intermittent contamination, chlorination of the supply has been adopted. A Wilson Hypochlorinator was installed on September 21st, 1938.

During the summer and early fall, the rainfall on the watershed of the Delisle River from which the Town of Alexandria secures its supply was exceptionally low. This resulted in a serious shortage and for about two weeks it was necessary to restrict operation of the pumps to about four hours per day. The supply was augmented by opening up channels to tap natural storage basins upstream and by pumping back a considerable volume of water from a natural basin about a quarter of a mile below the waterworks dam. Normally, the water is pumped from a well, the bottom of which is about six feet above the level of the bottom of the pond behind the dam. Rearrangements were made in the pump suctions to facilitate direct pumping from the river. Alterations in the dam to increase the available storage are also contemplated. As a result of these precautions, this plant will be in a better position to cope with a similar emergency should it again arise.

At Plantagenet, considerable interest has been shown in the question of securing better pressure in the distribution system and protection of the watershed of the spring creek from which this supply is drawn. It is probable that definite action to remedy these conditions will be taken during the coming year. At Clarence Creek, the removal of hydrogen sulphide from the local supply has been given some attention and it is planned to effect improvements during 1939.

Four routine inspections of the chlorine dosage were made of each of the following supplies:—Alexandria, Cornwall, St. Lawrence Sanatorium, Hawkesbury and Rockland. There were no cases of water-bone diseases reported in the area attributed to the use of water from any of the community supplies.

Enquiries were made by eleven individuals with respect to the examination and protection of private wells. Improvements were effected in a number of instances. A special investigation was also made of the supply at the convent at Lefaivre in Alfred Township and a report prepared.

Sewage Disposal.

Advice was given to six individuals with respect to septic tank installations for private homes. These included residents of Vankleek Hill town and the Townships of Lochiel, Lancaster, Charlottenburgh and Roxborough. In five instances construction work was completed.

Co-operation with the cheese factory inspectors employed by the provincial Department of Agriculture in endeavoring to secure more sanitary methods of disposal for cheese factory wastes was continued. Recommendations were made in connection with eight factories and an inspection was made at one factory where improvements were effected three years ago. These factories were located as follows: Lochiel Twp. 3; South Plantagenet Twp. 2; North Plantagenet Twp., Osnabruck Twp., Kenyon Twp., and Roxborough Twp, 1 each.

A total of twelve drainage problems, chiefly complaints of cesspool overflows, were investigated and recommendations were made where corrections were necessary. These investigations were distributed as follows: Alexandria, 3; Rockland, 2; and Maxville, L'Original, Casselman, Lancaster Village, North Plantagenet Township, Alfred Township and Roxborough Township, 1 each.

School Sanitation.

Major school building projects in the Unit area consisted of the erection of a new four-roomed separate school in Vankleek Hill and the enlargement and renovation of the separate school at Moose Creek. These buildings are modernly equipped and are a credit to the communities which they serve.

Nine other school inspections were carried out and recommendations made on such points as toilet accommodation, water supply, lighting, etc. Schools visited were located in the following municipalities: Charlottenburgh, 2; Roxborough, 2; Maxville, Vankleek Hill, Longueuil, Cambridge and Osnabruck, 1 each.

Milk Supplies.

By reason of the enactment of provincial legislation, the sale of pasteurized milk became compulsory after October 1st, 1938, in the following centres: Rockland, Hawkesbury, Vankleek Hill, Alexandria and the southern portion of Cornwall Township. There are now 19 pasteurizing plants located in these centres as compared with 7 in 1937. The establishment of 13 new plants (one existing plant was closed) involved many visits prior to and during construction and after processing began. A total of 64 casual visits were made and 31 inspections covering the equipment and methods of operation.

The enforcement of this legislation has, on the whole, been fairly well received and no difficulties have been encountered which were not anticipated. There are still small quantities of raw milk sold in these compulsory areas but it is hoped that these conditions will be rectified during the coming year. Investigations of raw milk sales in Rockland and Vankleek Hill were made and reports prepared. A number of enquiries from owners of one or two cows in the affected areas were also dealt with. Casual inspections of raw milk plants in Avanomore, L'Original, Maxville and Plantagenet were made.

The system of collection of milk samples in the various towns and villages in the area was continued. A total of 272 samples were secured. In addition, 98 samples were submitted by local authorities. A total of 127 samples of pasteurized milk secured from 25 dealers located in 5 centres were examined. The logarithmic average of the standard plate counts was 13,400. This compares with a figure of 34,000 obtained in the examination of 69 samples in 1937. It is interesting to note that preliminary results being secured by the newly established plants are very good and these results are having a salutary effect where they are in competition with older established plants. A total of 243 samples of raw milk secured from 102 dealers located in 18 centres were examined. The logarithmic average of the standard plate counts was 46,000 as compared with a figure of 56,000 obtained in 1937.

Miscellaneous.

A total of 13 other problems of various natures were investigated and where necessary reports prepared and recommendations made. A public meeting was attended in Rockland to discuss the question of compulsory pasteurization. A talk was given to a short course agricultural class at Bainsville on the construction and protection of private well supplies.

Distribution of Work.

Summarizing all activities, the work was spread over 25 of the 28 municipalities in the Unit area. Work instituted by the writer in connection with water and milk supplies embraced 18 municipalities. A total of 63 special problems of various natures were investigated at the request of the following: Head Office, 2; provincial government officials, 9; private individuals, 22; and local boards of health, 30. Requests from local boards of health were received from 15 municipalities.

DIVISION OF TUBERCULOSIS PREVENTION

G. C. Brink, M.B., *Director.*

In March, 1938, amendments to the Sanatoria for Consumptives Act were passed by the Legislature; the new Act came into force on July 1st, 1938. The changes in the Act were prompted by several factors, among which were,—the striking variation in the tuberculosis mortality rates; the sanatorium maintenance costs, and the incidence of hospitalization of tuberculous cases in counties, districts, cities and towns. (See Charts I to VII).

Under the old Sanatoria for Consumptives Act the county was the unit from which payment for maintenance of indigent patients was made to sanatoria the rate being $10.50 per week. One-half of this amount was charged back to the local municipality, that is the township, village or town in which the patient resided. This meant that the town, village or township paid directly to the county $5,25 per week for every one of its patients in sanatorium and indirectly through its county tax a portion of the remaining $5.25 paid by the county. Cities and separated town in counties were required to pay the entire charge, $10.50 per week.

Further, organized municipalities in territorial districts (unorganized territory), whether cities, towns, villages or townships, were responsible for the entire maintenance charges ($10.50 per week) in sanatorium of their non-pay patients. These municipalities paid no tax to the district in which they were located. With the exception of the cities and a few towns in Northern Ontario very few municipalities were financially able to meet their hospitalization costs.

The Government paid its statutory per diem grant on all indigent patients up to 75c per day.

The results of the above method of payment of maintenance charges retarded hospitalization and control of the disease due to the following three factors:

(1) Those individuals who were unable to meet the expense associated with prolonged sanatorium treatment, not wishing to become public charges, either delayed their entry into sanatorium or refused such treatment altogether, As a result they remained at home, the disease frequently advanced and gross infection occurred in those in intimate contact.

The apparent difficulty of convincing the municipal officials as to the inability of certain individuals to meet the cost of prolonged hospitalization frequently led to controversy between the patient and the physician on the one hand and the local authorities on the other.

(2) The inability of some municipalities to meet the necessary expenses; and

(3) The obvious attempt of certain other municipalities to avoid assuming their statutory obligations.

This situation resulted in:—

(*a*) Not more than 50% of those dying of tuberculosis during the last few years had the benefit of sanatorium treatment within five years of death.

(*b*) Only 50% of those patients for whom sanatorium treatment was advised by the Department's Travelling Chest Clinics during 1936, had entered a sanatorium within one year of discovery and recommendations.

Frankly, failure on the part of some municipal officials to assume their statutory and implied responsibilities was one of the chief explanations for the marked difference in death rates, sanatorium costs and the number of people entering sanatorium from certain sections of the Province.

The passing of the new Legislation was an effort on the part of the Government to overcome those factors inhibiting the control of the disease. It is hoped that the new Legislation will permit of earlier sanatorium treatment following diagnosis and the earlier discharge of some patents from sanatorium which should make possible a greater number of people receiving appropriate institutional care.

The essential provision of the amendments to the Act are:—

The Government has assumed the responsibility of payment of maintenance of indigent patients in sanatoria, which was formerly borne by the municipalities. Those able to pay in part or in whole are expected to do so; payment by the patent is expected when income and assets indicate that such should be the case.

Some patients who had received maximum benefit from sanatorium care and who were not a danger to other people, were being maintained in sanatoria for an unnecessarily long period, because there was no organized method of caring for them in their own municipalities. At the same time patients urgently in need of sanatorium care were forced to remain at home because all available beds in sanatoria were filled. On occasion it was both difficult to get the patient into and difficult to get him out of sanatorium.

In view of the fact that the Government has relieved the municipalities of their former share of sanatorium costs, which with the increased bed accommodation would have amounted annually to nearly $2,000,000.00, the municipalities have been made responsible for the after-care of ex-sanatorium patients who are unable to supply the necessary care for themselves. The after-care includes lodging, food and clothing, and the necessaries of life. A comparatively small percentage of patients will require assistance after discharge and the cost to the municipalities for after-care will be a small fraction of their former sanatorium costs.

There are patients who will require pneumothorax refills from time to time following discharge. The municipality is made responsible for the transportation of such patients to centres where the facilities for this treatment are available, in the event that they are unable to provide their own travelling expenses. The local Department of Health through its Medical Officer of Health in co-operation with the family physician is made responsible for the arrangements connected with the carrying out of the refill and for the payment to the approved physician, hospital clinic, or sanatorium clinic for this work. The payment for each refill is up to $3.00 depending on the amount the patient may be able to pay toward his own treatment.

The Government is reimbursing the municipalities for the payment of this special treatment but not for the transportation of the patients. The municipality is also responsible for transportation from sanatorium of its indigent patients.

As a result of the operation of the new Act, during the period July 1st to December 31st, 369 more patients were placed under sanatorium treatment than in the corresponding period in 1937. Some of this increase in sanatorium population has been due to increased bed accommodation. However, from reports being received in the Department the interval between diagnosis and admission to sanatorium has been definitely decreased and a greater number of patients has been discharged.

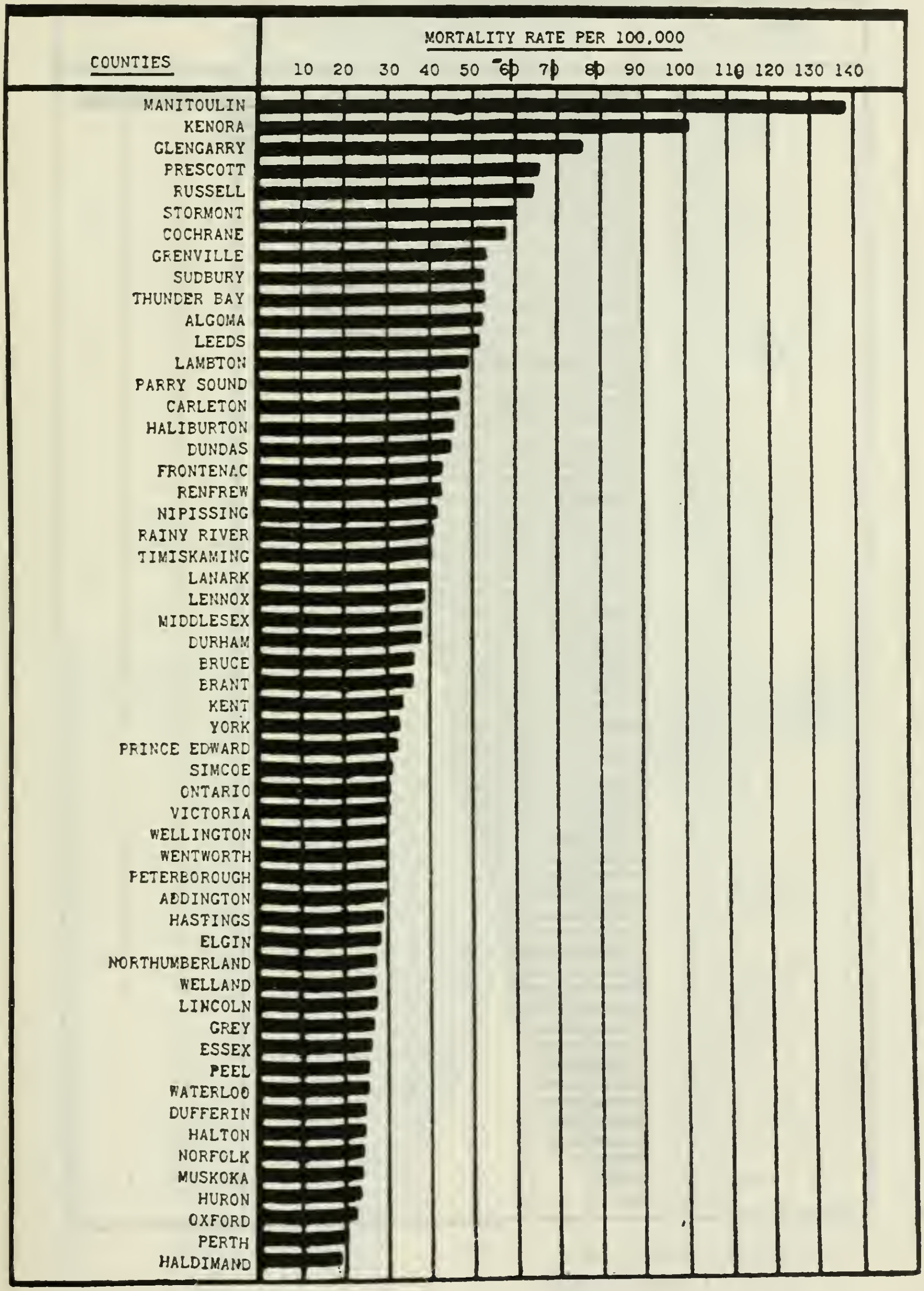
Prior to July 1st, there was no organized or uniform method of providing after-care. Some municipalities provided adequate care for their ex-sanatorium patients unable to secure the necessary care themselves, while in others, the patients frquently were forced to engage in work totally unsuited to their condition in order to support themselves, the result being that re-activation of the disease necessitated return to sanatorium.

During the later part of the year additional accommodation was provided at the following sanatoria:—

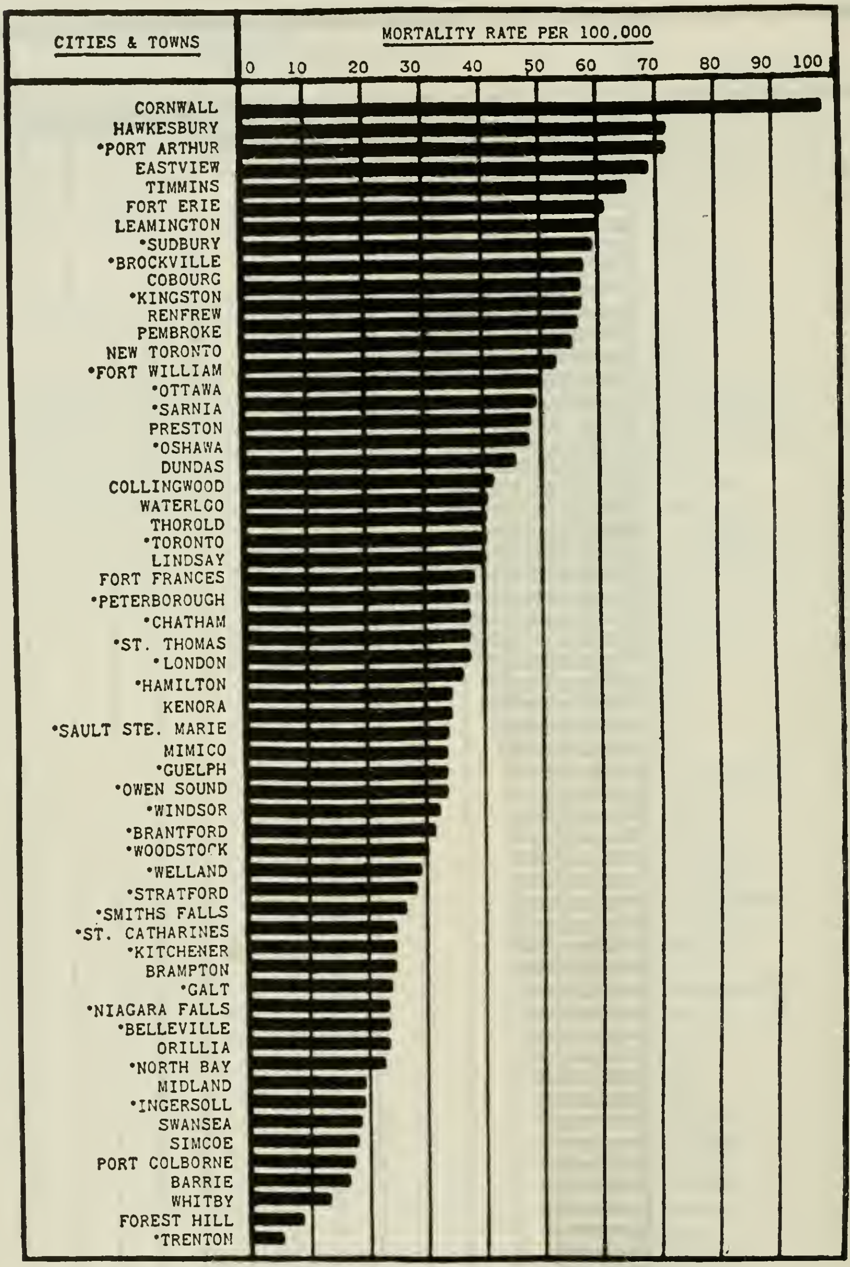
Toronto Hospital for Consumptives, Weston	120 beds.
Mountain Sanatorium, Hamilton	106 beds
Queen Alexandra Sanatorium, London	88 beds
Freeport Sanatorium, Kitchener	24 beds
Kingston Sanatorium (associated with the Kingston General Hospital)	12 beds
Total	350 beds

RESIDENT TUBERCULOSIS MORTALITY RATE BY COUNTIES

ONTARIO—1934-1936



RESIDENT TUBERCULOSIS MORTALITY RATES—CITIES & TOWNS †
ONTARIO 1934-36 (AVERAGE)



† 5000 POPULATION & OVER
• CITIES & SEPARATED TOWNS

CHART III

SANATORIUM CHARGES TO COUNTIES
ONTARIO 1935 AND 1936 AVERAGE

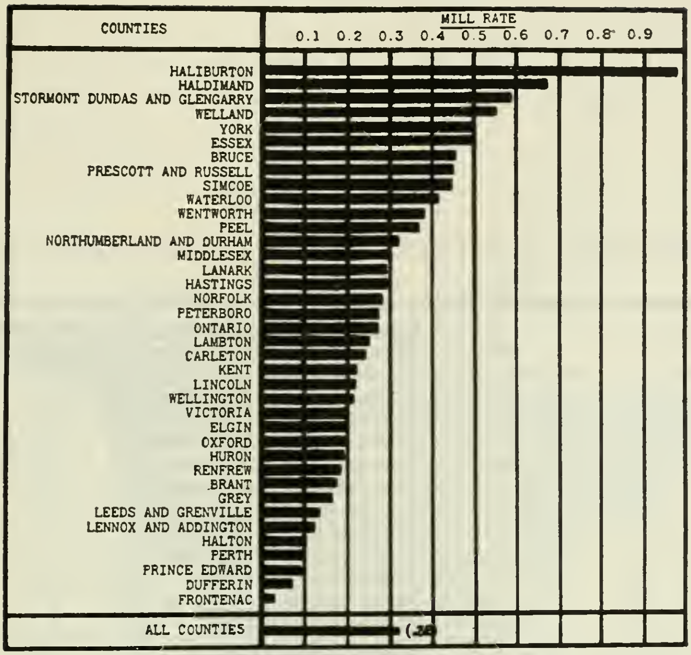
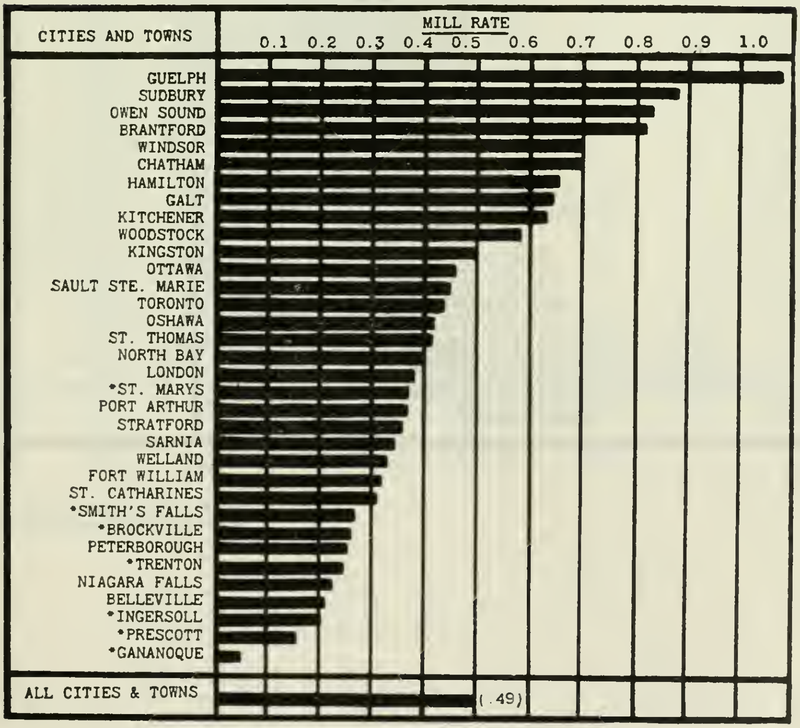


CHART IV

SANATORIUM CHARGES TO CITIES AND SEPARATED TOWNS
ONTARIO 1935 AND 1936 AVERAGE



* SEPARATED TOWNS

CHART V

SANATORIUM CHARGES TO COUNTIES (EXCLUDING SEPARATED CITIES AND TOWNS)
ONTARIO - 1935 AND 1936 (AVERAGE)

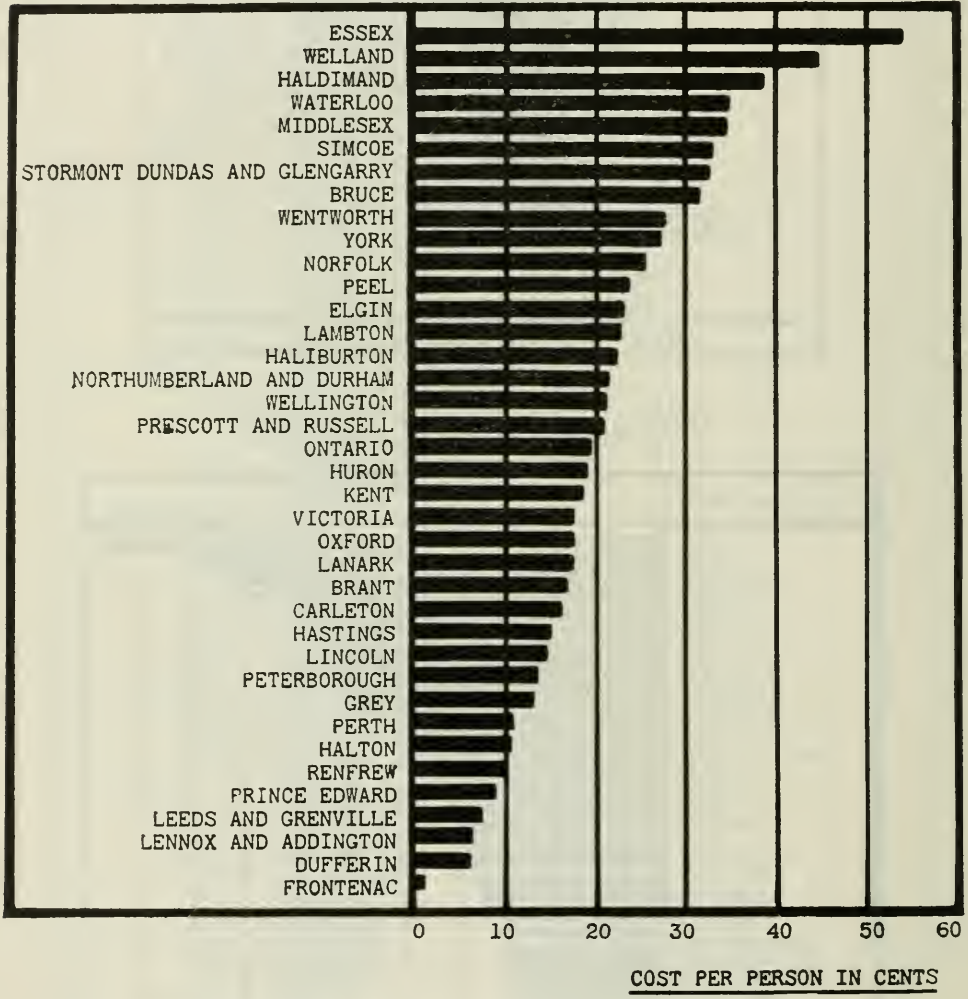
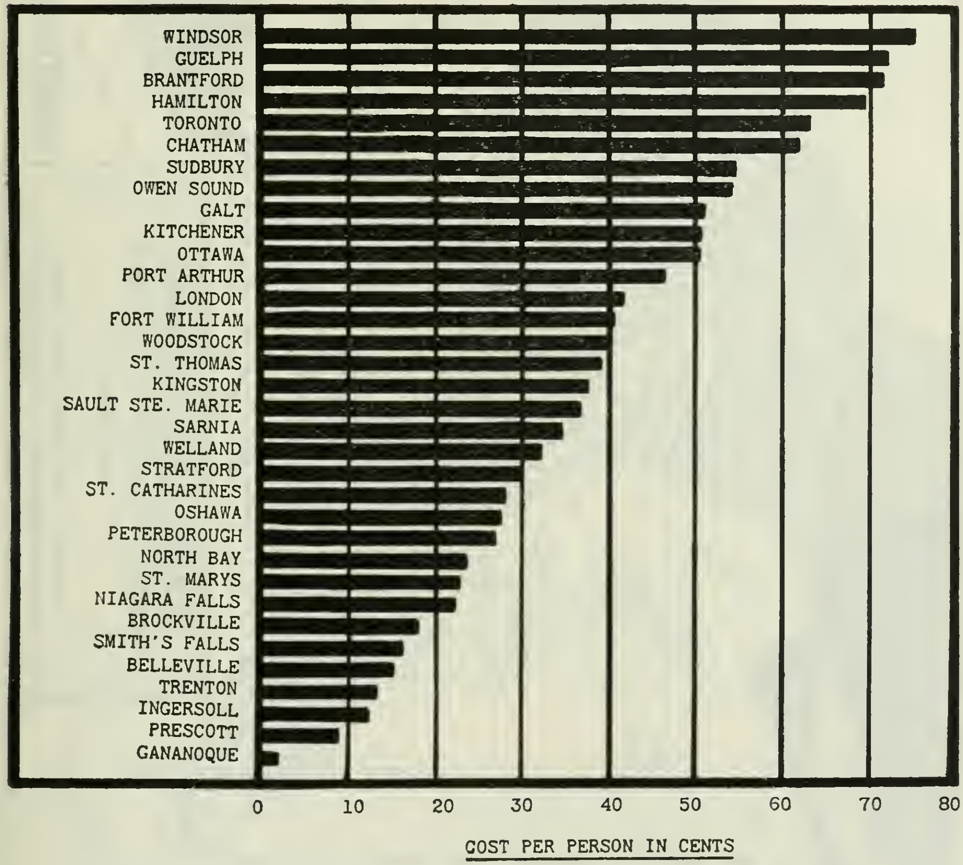
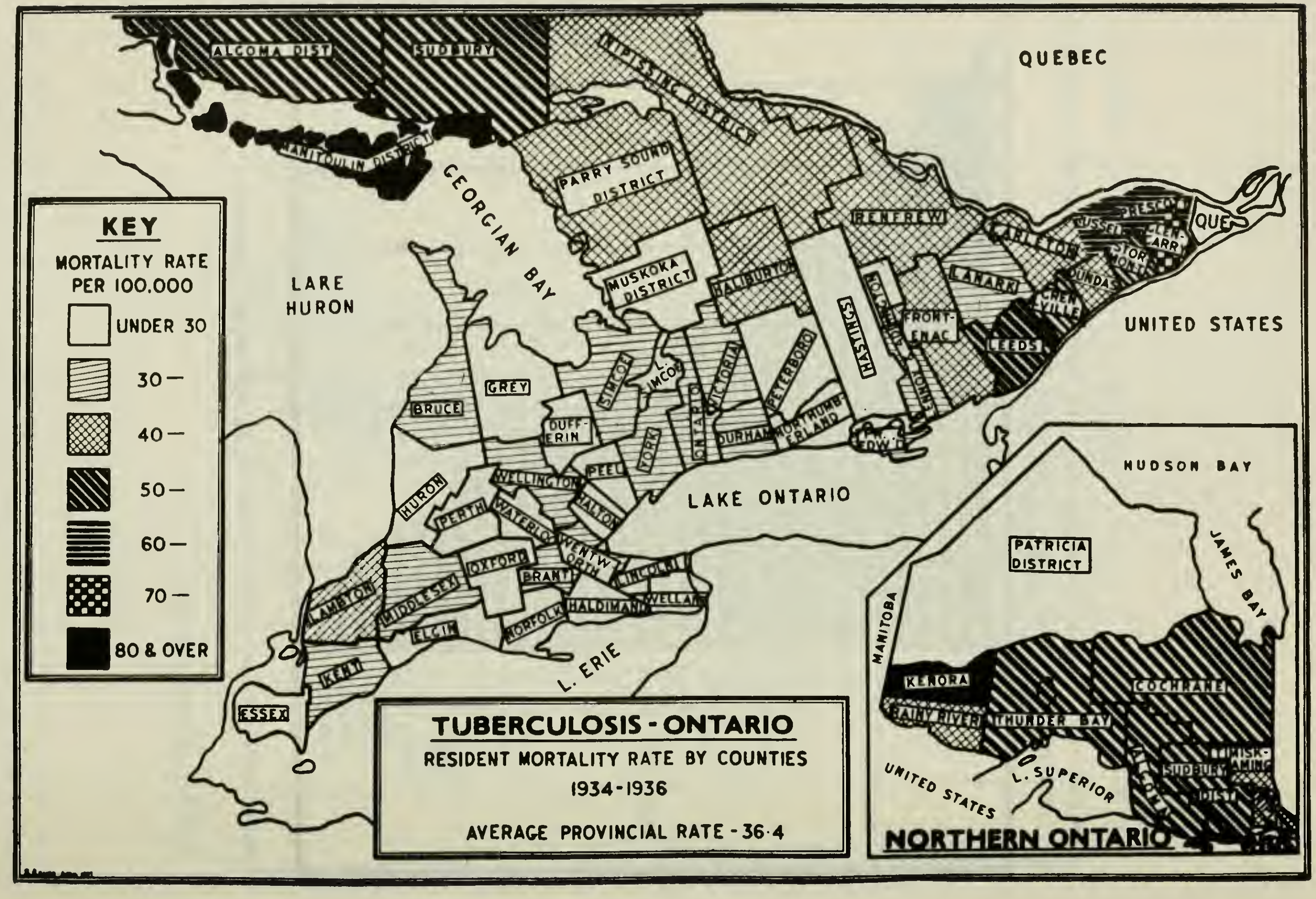


CHART VI

SANATORIUM CHARGES TO CITIES AND SEPARATED TOWNS

ONTARIO – 1935 AND 1936 (AVERAGE)





TUBERCULOSIS - ONTARIO

RESIDENT MORTALITY RATE BY COUNTIES

1934-1936

AVERAGE PROVINCIAL RATE - 36·4

KEY
MORTALITY RATE PER 100,000
UNDER 30
30—
40—
50—
60—
70—
80 & OVER
QUEBEC
UNITED STATES
LARE HURON
GEORGIAN BAY
LAKE ONTARIO
L. ERIE
ALGOMA DIST
SUDBURY
NIPISSING DISTRICT
MANITOULIN DISTRICT
PARRY SOUND DISTRICT
MUSKOKA DISTRICT
HALIBURTON
RENFREW
HASTINGS
CARLETON
LANARK
FRONTENAC
LEEDS
GRENVILLE
DUNDAS
STORMONT
GLENGARRY
RUSSELL
PRESCOTT
QUE
LENNOX
PETERBORO
NORTHUMBERLAND
PR. EDW'D
VICTORIA
DURHAM
ONTARIO
YORK
SIMCOE
L. SIMCOE
GREY
BRUCE
DUFFERIN
PEEL
HALTON
WELLINGTON
WATERLOO
PERTH
HURON
WENTWORTH
BRANT
OXFORD
LINCOLN
WELLAND
HALDIMAND
NORFOLK
ELGIN
MIDDLESEX
LAMBTON
KENT
ESSEX
NORTHERN ONTARIO
HUDSON BAY
JAMES BAY
PATRICIA DISTRICT
MANITOBA
KENORA
RAINY RIVER
THUNDER BAY
COCHRANE
TIMISKAMING
SUDBURY
ALGOMA
NIPISSING DIST
L. SUPERIOR
UNITED STATES

CLINIC WORK AMONG THE TREATY INDIANS

Following a Conference of Representatives of each Province with the officials of the Indian Affairs Branch of the Department of Mines and Resources, Dominion Government, $50,000.00 was allotted for diagnostic and treatment purposes among the Indians in Ontario.

The Division carried out diagnostic work among certain groups of Treaty Indians as described below. Altogether 2511 Indians were examined. 283 were found to have tuberculous disease, 98 of whom were recommended for sanatorium treatment.

(*a*) Tuberculosis surveys were made of 1151 children in 9 Indian Residential Schools, viz.: at Chapleau, Spanish (2), Sault Ste. Marie, Sioux Lookout, McIntosh, Kenora (2) and Fort Frances.

(*b*) 75 children were examined at St. Joseph's Orphanage, Fort William.

(*c*) A survey was made of 1056 Indians from the Rama Reserve and from the Reserves on the Eastern part of Manitoulin Island.

(*d*) 229 Indians were referred to our Clinics held in various centres.

For detailed information, see Table I.

That the $50,000.00 was quite insufficient to meet the needs of sanatorium care for Treaty Indians in Ontario is apparent when it is realized that not 30% of those active cases recommended for sanatorium care were under treatment at the end of the year.

Tuberculosis control among the Indians in Ontario is very inadequate and the problem constitutes a menace to the white population. This can easily be seen by reference to charts No. 1 to 7. Manitoulin Island shows a tuberculosis mortality rate well over 130 per 100,000 people. According to the report of the Registrar-General there were sixteen deaths from tuberculosis in 1937 among residents of Manitoulin Island, fifteen of which occurred among the Indian population.

REPORT ON THE WORK DONE BY THE DEPARTMENT'S TRAVELLING CHEST CLINICS

During 1938, Travelling Chest Clinics have operated with headquarters in Toronto, Ottawa, Belleville, Fort William, Timmins and North Bay. One hundred and twenty-six Clinics were held; 100 centres being visited. Seven centres were visited for the first time.

The Clinic, with headquarters in Toronto, conducted thirty-two clinics, visiting the following centres:—St. Thomas, Ridgetown, Leamington, Amherstburg, Aylmer, Tillsonburg, Midland, Penetang, Listowel, Palmerston, Hanover, Chapleau, Spanish, Sault Ste. Marie, Bobcaygeon, Newmarket, Cornwall, Peterborough, Brockville, Lindsay, Shelburne, Orangeville, Flesherton, Meaford, Wiarton, Southampton, Owen Sound, Kincardine, Walkerton, Lucknow, Wingham, Oshawa.

The Clinic, with headquarters in Ottawa, conducted fourteen clinics, in the following centres:—Prescott, Arnprior, Smith's Falls, Perth, Alexandria, Renfrew, Casselman, Hawkesbury, Plantagenet, Rockland, Kemptville, Carleton Place, Almonte and Ottawa.

The Clinic, with headquarters in Belleville, conducted monthly clinics in Belleville and also held seventeen clinics in Cobourg, Port Hope, Deseronto, Napanee, Colborne, Tweed, Gananoque (2 clinics), Hastings, Campbellford, Havelock, Madoc, Bancroft, Haliburton, Stirling, Brighton and Marmora.

In addition to the regular clinic work, 11 chest aspirations were done, 457 fluoroscopic examinations were made and 439 pneumothorax refills given, approximately twice as many as in 1937 and five times as many as in 1936.

The Clinic, with headquarters in Fort William, conducted twenty-eight clinics in the following centres:—Dryden (2), Kenora (3), Sioux Lookout (3) Fort Frances (3), Rainy River (2), Emo (2), Schrieber (2), Nipigon (2), Geraldton, Nakina, Armstrong, McIntosh and Fort William (2).

The Clinic with headquarters in North Bay, conducted fifteen clinics in North Bay (monthly); Kirkland Lake, Cochrane, Kapuskasing, Sturgeon Falls, Sudbury, Gore Bay, Mindemoya, Little Current, Espanola, Blind River, Thessalon, Bruce Mines, Richard's Landing, Sault Ste. Marie.

The Clinic with headquarters in Timmins, conducted almost a permanent clinic in Timmins and in addition conducted ten clinics in the following centres–Cochrane (2), Iroquois Falls (2), Larder Lake, Kirkland Lake, Hearst, Englehart, Kapuskasing and Smooth Rock Falls.

The following tables give a summary of the work done:

Table II—General summary.

Tables III, IV and V—Give details in respect to newly discovered cases.

Tables VI and VII—Give details in regard to individuals recommended for sanatorium treatment.

Table VIII—Gives information re changes in diagnoses in repeat examinations.

Table IX—Gives details regarding the present condition of ex-sanatorium patients who were examined at the Clinics.

TABLE I

CLINIC EXAMINATIONS OF TREATY INDIANS—1938

Findings	Number	% of Those with Tuberculosis Disease	% of Those with Pulmonary Tuberculosis	% of Total Cases Exemined
1. Tuberculous Disease—	283	....	....	11.0
(a) Active Disease	135	47.7	....	....
Inactive Disease	148	52.3	....	....
(b) Cases previously diagnosed	30	10.6	....	....
New Cases Discovered	253	89.0	....	....
(c) Pulmonary Tuberculosis	273	97.0	....	....
Advanced	30	....	10.9	....
Moderately Advanced	40	....	14.6	....
Minimal	87	....	31.8	....
Childhood Type	116	....	42.4	....
(d) Extra-Pulmonary Tuberculosis	10	3.5	....	....
(e) Recommended for Sanatorium	98	35.0	....	4.0
2. Suspicious of Tuberculous Disease	65	....	....	3.0
3. Non-Tuberculous Pulmonary Conditions	22	....	....	1.0
4. No evidence of any Lung Disease	2141	....	....	85.0
Total Number of Cases Examined	2511	....	....	100%

TABLE II

SUMMARY OF CLINIC WORK

		Toronto	Ottawa	Timmins	Belleville	North Bay	Ft. Williams	Totals
1. Tuberculous Disease	1st Ex.	215	91	167	69	90	244	876
	Repeat	255	224	307	215	224	129	1354
(a) Active Disease	1st Ex.	96	43	59	44	62	95	399
	Repeat	37	34	37	39	44	27	218
Inactive Disease	1st Ex.	119	48	108	25	28	149	477
	Repeat	218	190	270	176	180	102	1136
(b) Cases previously diagnosed	1st Ex.	68	22	59	3	25	40	217
	Repeat	250	205	295	211	218	124	1303
Newly Discovered Cases	1st Ex.	147	69	108	64	65	204	657
	Repeat	5	19	12	3	6	5	50
(c) Pulmonary Tuberculosis	1st Ex.	215	91	167	67	89	230	859
	Repeat	255	224	307	214	224	125	1349
Childhood	1st Ex.	42	9	41	9	8	121	230
	Repeat	35	14	85	7	17	41	199
Minimal	1st Ex.	70	48	64	35	34	52	303
	Repeat	110	128	138	98	111	28	613
Moderately Advanced	1st Ex.	67	18	39	12	21	37	194
	Repeat	88	63	64	85	57	38	395
Advanced	1st Ex.	36	16	23	11	26	20	132
	Repeat	22	19	20	24	39	18	142
(d) Extra-Pulmonary Disease	1st Ex.	0	0	0	2	1	14	17
	Repeat	0	0	0	1	0	4	5
(e) Recommended for Sanatorium	1st Ex.	79	33	59	27	47	64	309
	Repeat	36	37	34	30	31	16	184
2. Suspects	1st Ex.	51	11	25	19	15	53	174
	Repeat	14	4	25	18	7	8	76
3. Non-Tuberculous Conditions	1st Ex.	99	58	62	99	62	123	503
	Repeat	41	50	23	50	46	40	250
4. No Disease	1st Ex.	1838	857	1217	1027	1141	1420	7500
	Repeat	737	573	512	338	483	215	2858
TOTALS	1st Ex.	2203	1017	1471	1214	1308	1840	9053
	Repeat	1047	851	867	621	760	392	4538
TOTAL NO. OF EXAMINATIONS		3250	1868	2338	1835	2068	2232	13591

1st—1st Examination.
R —Repeat Examination.
S —Recommended for Sanatorium.

TABLE III
CLASSIFICATION OF NEWLY DISCOVERED CASES

TOTAL 707

Age Groups	Totals		Contact	Childhood Type								Minimal								Moderately Advanced								Advanced								Tbc. Adenitis		Tbc. Spine	
				Active				Inactive				Active				Inactive				Active				Inactive				Active				Inactive							
	1st	R		1st	S	R	S	1st	S	R	S	1st	S	R	S	1st	S	R	S	1st	S	R	S	1st	S	R	S	1st	S	R	S	1st	S	R	S	1st	S	1st	S
0 to 9	80	4	+	41	15	3	1	33	....	1	....	2	2	....	....	2	....	....	....	......	....	....	....	......	....	....	....	......	....	....	....	......	....	....	....	1	1	1	1
	7	....	—	2	1	....	....	3	....	....	....	1	1	....	....	......	....	....	....	1	1	....	....	......	....	....	....	......	....	....	....	......	....	....	....	......	....	......	....
10 to 19	157	14	+	16	5	....	....	65	....	1	....	30	26	8	6	18	1	3	....	15	13	....	....	......	....	....	....	10	10	2	2	1	....	....	....	1	....	1	1
	61	4	—	3	......	....	....	37	....	....	....	5	3	1	1	7	....	2	1	4	3	....	....	......	....	....	....	4	4	1	1	......	....	....	....	......	....	......	....
20 to 29	58	7	+	1	......	....	....	2	......	....	....	24	20	4	3	11	1	1	....	7	5	1	1	4	1	....	....	9	9	1	1	......	....	....	....	......	....	......	....
	47	3	—	1	......	....	....	3	....	....	....	7	6	....	....	16	2	3	....	6	5	....	....	2	1	....	....	12	12	....	....	......	....	....	....	......	....	......	....
30 to 39	42	4	+	......	....	....	....	3	....	....	....	9	5	1	1	19	2	3	....	3	3	....	....	4	....	....	....	4	4	....	....	......	....	....	....	......	....	......	....
	48	3	—	......	....	....	....	1	....	....	....	13	6	2	1	14	2	....	....	11	10	1	1	4	....	....	....	4	4	....	....	......	....	....	....	1	....	......	....
40 to 49	17	3	+	......	....	....	....	1	....	....	....	......	....	1	....	6	....	1	....	2	2	1	1	4	1	....	....	4	4	....	....	......	....	....	....	......	....	......	....
	48	1	—	......	....	....	....	3	....	....	....	12	10	....	....	13	....	1	....	7	6	....	....	3	....	....	....	9	8	....	....	......	....	....	....	1	....	......	....
50 and over	32	1	+	......	....	....	..	......	....	....	....	1	....	....	....	9	....	....	....	9	6	1	1	7	....	....	....	6	3	....	....	......	....	....	....	......	....	......	..
	60	6	—	1	....	....	....	1	....	....	....	4	2	....	....	12	1	3	....	10	9	2	....	12	1	....	....	19	15	1	1	1	....	....	....	......	....	......	....
	657	50	419+ 288—	65	21	3	1	152	....	2	....	108	81	17	12	127	9	17	1	75	63	6	4	41	4	....	....	81	73	5	5	2	....	....	....	4	1	2	2

TABLE IV.

SUMMARY OF NEWLY DISCOVERED CASES

	No.	% of Total	% of Number with Adult Type of Disease
Childhood Type—(Primary infection)......	222	31.4	....
Minimal.........	269	38.0	55.4
Moderately Advanced..................................	122	17.2	25.1
Advanced..........	88	12.4	18.1
Extra Pulmonary.....	6	.8	1.3

419 or 59.2% of the total (707) gave a history of contact with tuberculous disease, and 304 or 43.0% of these attended the clinic on account of contact only and thus would only have been discovered by routine examination; in many other contacts the symptoms were so slight as not to warrant their seeking medical advice.

277 or 39.1% of the newly discovered cases were recommended for sanatorium treatment.

TABLE V

TABLE SHOWING RELATION OF NUMBER OF NEW CASES DISCOVERED TO NUMBER OF CONTACTS EXAMINED

Age Groups	No. Contacts Examined for First Time	No. Cases of Disease Found	% of Contacts Examined
0 1 9	640	80	12.5
10 1 19	1437	157	10.9
20 1 29	867	58	6.7
30 1 39	528	42	7.7
40 1 49	272	17	6.2
50 & Over	235	32	13.6
	2916	386	13.2

TABLE VI

CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM TREATMENT

1st—1st Examination.
R —Repeat Examination.

TOTAL 493

Age Groups	Totals		Contact	Suspect	Childhood Type				Minimal				Moderately Advanced				Advanced				Bronchi-ectasis		Lung Abscess		Pleurisy with Eff.		TBC. Spine		TBC. Adenitis		Spontaneous Pneumothorax		Undiag-nosed	
					A.		I.		A.		I.		A.		I.		A.		I.															
	I.	R.			I.	R	I.	R	I.	R	I.	R	I.	R	I.	R	I.	R	I.	R	I.	R.	I.	R.	I.	R.	I.	R.	I.	R.	I.	R.	I.	R.
0 to 9	21	4	+	....	17	3	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....
	2	1	—	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10 to 19	60	24	+	1	6	1	....	....	26	14	2	2	12	3	....	....	11	4	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....
	11	10	—	....	....	....	....	....	4	4	....	1	3	1	....	....	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....
20 to 29	47	46	+	....	....	....	....	....	21	15	2	4	10	11	2	1	11	13	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....
	38	20	—	....	....	....	....	....	8	1	2	....	11	8	1	2	16	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
30 to 39	19	19	+	....	....	....	....	....	6	4	2	1	5	7	....	....	6	6	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	28	20	—	....	....	....	....	....	8	4	2	....	10	9	....	....	8	5	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
40 to 49	8	4	+	....	....	....	....	....	....	2	....	....	2	1	....	....	5	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	. . .
	29	18	—	1	....	....	....	....	10	....	....	....	8	7	....	3	9	7	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
50 and over	10	6	+	....	....	....	....	....	....	....	....	1	6	1	....	....	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....
	36	12	—	....	....	....	....	....	2	....	1	....	10	2	2	1	19	5	....	2	....	1	1	....	....	....	..	....	....	....	1	....	1	....
	309	184	268+ 225—	2	23	4	....	....	88	45	11	9	78	51	5	7	93	58	....	8	1	1	1	....	3	....	2	....	1	....	1	....	1	....

TABLE VII

SUMMARY OF CASES RECOMMENDED FOR SANATORIUM TREATMENT

	Number	Percentage of Total	Percentage of Number with Adult Type of Disease
Childhood Type (Primary Infection)	27	5.4	....
Minimal	153	31.0	33.7
Moderately Advanced	141	28.6	31.1
Advanced	159	32.2	35.1
Pleurisy with Effusion	3	.6	....
Extra-Pulmonary Tuberculosis	3	.6	....
Suspects	2	.4	....
Non-Tuberculous Chest Conditions	5	1.0	....

TABLE VIII

DIAGNOSIS AT CLINIC EXAMINATION IN 1938

		Totals	No Change	No Disease	Suspects	Ch.		Min.		Mod. Adv.		Adv.		Thick Pleura	Lung Abscess	Pl. with Effusion	Bronchi-ectasis	Non Tbc. Cond.
						A.	I.	A.	I.	A.	I.	A.	I.					
PREVIOUS DIAGNOSIS	No. Dis.	2856	2781	....	22	2	3	20	8	5	....	3	1	2	....	1	2	6
	Susp.	115	57	42	....	1	....	4	8	....	1	....	....	1	....	....	....	1
	Ch. I	182	157	18	....	4	....	1	1	....	....	....	....	1	....	....	....	....
	Ch. A	31	20	5	....	....	5	....	....	1	....	....	....	....	....	....	....	....
	Min. I	568	514	24	2	....	1	17	1	5	3	....	....	....	....	....	....	1
	Min. A	68	13	9	1	....	1	....	38	3	1	1	....	1	....	....	....	....
	Mod. Adv. I	327	307	....	....	....	....	1	5	12	....	2	....	....	....	....	....	....
	Mod. Adv. A	62	38	2	....	....	....	1	2	....	14	4	....	....	....	....	....	1
	Adv. I	85	80	1	....	....	....	...	....	....	....	4	....	....	....	....	....	....
	Adv. A	49	37	....	....	....	....	....	2	....	3	....	6	....	1	....	....	....
	Thicken Pl.	54	47	4	....	....	....	....	1	1	....	....	....	....	....	1	....	....
	Bronchiectasis	11	7	2	....	....	....	....	....	1	....	1	....	....	....	....	....	....
	Pl. with Effusion	11	....	3	....	....	....	...	1	....	....	....	....	7	....	....	....	....
	Pn.	1	....	....	....	...	....	..	....	....	...	....	....	....	....	1	....	....
	Non. Tbc. Cond.	182	172	7	....	...	...	...	1	...	...	1	...	1	....	....	....	....

Remarks Regarding Table VIII:

(*a*) Of 2856 showing no disease on previous examination, 42 or 1.4% developed definite disease.

(*b*) Of 980 cases of inactive adult type of disease, 41 or 4.2% had become reactivated.

(*c*) Of 115 suspects 14 or 1.2% developed some type of disease.

(*d*) Of 213 previously classified as childhood or primary infection type, only 3 or 1% developed an adult type of disease.

(*e*) Of 68 minimal active cases 38 or 55.8% had become inactive and only 13 or 2% of the minimal cases had progressed to moderately advanced or advanced.

(*f*) Of 62 moderately advanced active cases, 14 or 22.5% had become inactive.

TABLE IX

CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT

Age Groups	Sex	No Disease	Suspects	Non-Tuberculous Chest Conditions	Childhood		Minimal		Mod. Adv.		Advanced	
					Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive
0 1 9	M	....	....	....	....	2	....	3	....	....	....	....
	F	1	....	....	....	1	....	....	....	....	....	....
10 1 19	M	2	....	1	....	3	....	5	....	6	1	2
	F	3	....	....	....	2	2	15	1	7	....	....
20 1 29	M	2	....	....	....	1	....	13	1	33	4	8
	F	11	....	....	....	....	3	31	2	74	2	12
30 1 39	M	4	....	2	....	1	4	12	5	32	11	13
	F	5	....	1	....	....	....	22	3	40	5	11
40 1 49	M	5	1	1	....	....	....	7	2	20	6	9
	F	1	....	....	....	....	2	8	1	11	3	4
50	M	1	....	2	....	....		8	....	14	5	1
	F	2	....	2	....	....	1	3	....	4	3	2
Totals	M	14	1	6	....	7	4	48	8	105	27	33
	F	23	0	3	....	3	8	79	7	136	13	29
	554	37	1	9	..	10	12	127	15	241	40	62

Remarks on Table IX:

554 examinations were made on patients who had received treatment in sanatorium; in 37 or 6.7% tuberculosis was no longer considered a factor in their condition. Of the 507 with definite tuberculous disease, 67 or 13.2% were still considered to have active disease in need of further treatment while 440 or 86.8% were considered to have inactive disease.

TUBERCULIN TESTING AND X-RAYING OF STUDENTS IN NORMAL SCHOOLS, THE COLLEGE OF EDUCATION AND THE TECHNICAL TEACHERS' TRAINING COLLEGE

The Division co-operated once more with the Department of Education in tuberculin testing and x-raying of students seeking admission to the Normal Schools, College of Education, and the Technical Teachers' Training College.

All tuberculin tests, and the x-raying of the positive reactors, were carried out by the staff of this Division.

The following Table X gives a summary of the findings:

TABLE X

RESULTS OF TUBERCULIN TESTING AND X-RAYING OF STUDENTS IN NORMAL SCHOOLS, COLLEGE OF EDUCATION AND AT THE TECHNICAL TEACHERS' TRAINING COLLEGE

	Number Enrolled	Number Tested	Number Positive Reactors	Percentage Positive Reactors	Number Negative Reactors	Percentage Negative Reactors	Number X-rayed	Number Showing Evidence of Active Tuberculous Disease	Percentage of Total Enrolment
Normal Schools............	950	841	200	23.7	641	76.3	216	10	1.0
College of Education...	317	272	107	38.6	165	61.4	150	0	0
Technical Teachers' Training College.......	19	0	......	......	......	......	19	0	0

TUBERCULIN TESTING AND X-RAYING OF NURSES IN GENERAL HOSPITALS, HOMES FOR INCURABLES, AND SANATORIA

Supervision was given to the carrying out of the regulations in respect to tuberculin testing and x-ray work on the nursing staff of all general hospitals, homes for incurables, and sanatoria. (See Tables XI and XII).

All hospitals made returns and the reports were received more promptly than in former years.

The fact that 24 graduates and 18 student nurses were found to have tuberculous disease and required sanatorium treatment shows the importance of the control of the disease in this group of young women. This would point to the constant danger of infection in the hospitals and raises the question as to whether all persons admitted to general hospitals should receive chest x-ray examinations.

TABLE XI

GRADUATE NURSES

	No. Reported	No. Pos. Reactors	% Pos. Reactors	No. Neg. Reactors	% Neg. Reactors	No. X-Rayed	No. New Cases Disease	No. Old Cases Disease
Gen. and Red Cross Hosps	2279	1602	70.6	610	26.9	1586	20	10
Homes for Incurables	143	93	65.0	50	35.0	90	0	0
Sanatoria	504	471	93.4	33	6.6	485	15	9
	2926	2166	74.3	693	23.9	2161	35	19

CLASSIFICATION OF DISEASES	DISPOSAL
1. New Cases:	
*17 minimal, active	13 went to sanatorium. 4 went home.
11 Minimal, inactive	10 are on duty. 1 went home.
*1 fistula in ano	went to sanatorium.
*4 moderate, active	went to sanatorium.
*1 pleurisy with effusion	went home.
*1 Pott's disease	went to sanatorium.
1 suspect	went home.
*Summary—24 cases found requiring treatment.	
2. Known Cases:	
17 minimal, inactive	on duty.
2 moderate, inactive	on duty.

TABLE XII

UNDERGRADUATE NURSES

	No. Reported	No. Pos. Reactors	% Pos. Reactors	No. Neg. Reactors	% Neg. Reactors	No. X-Rayed	No. New Cases Disease	No. Old Cases Disease
General Hospitals	4641	2208	47.5	2436	52.4	2331	23	2
Homes for Incurables	72	50	69.4	22	30.6	60	0	0
Sanatoria	95	93	97.9	2	2.1	92	1	7
	4808	2351	46.8	2460	51.1	2483	24	9

CLASSIFICATION OF DISEASE	DISPOSAL
1. NEW CASES:	
*11 minimal, active	5 went home 6 went to sanatorium.
6 minimal, inactive	5 are on duty. *1 went to sanatorium.
* 3 moderate, active	all went to sanatorium
* 2 pleurisy with effusion	both went home.
2 advanced, active	*1 went to sanatorium. 1 died in hospital.
2 suspects	went home.
*Summary—18 cases found requiring treatment.	
2. KNOWN CASES:	
5 minimal, inactive	all on duty.
3 moderate, inactive	all on duty.
1 advanced, inactive	on duty.

The Division staff has assisted in tuberculosis surveys among the high-school students of Belleville, Brantford, Weston, Scarborough Township, and Agincourt.

Supervision has been given to periodic examinations among the boys and girls in the Industrial Schools, as well as those young women receiving instruction in the five Home Service Training Schools.

Practically all applicants for positions in the Department of Health have been examined and x-rayed.

Interpretation has been given to some hundreds of films sent in by general hospitals.

The Division was very unfortunate in losing the services of three physicians during the year:

> Dr. A. Powers, Ottawa Unit, accepted the superintendency of the Hull Sanatorium, Quebec.
>
> Dr. E. R. Harris, North Bay Unit, was appointed Medical Officer of Health of Kirkland Lake (Teck Township).
>
> Dr. G. W. Cragg, Central Office, received the appointment of Superintendent of the St. Lawrence Sanatorium, Cornwall.

Dr. D. McCallum, of the staff of the Muskoka Hospital for Consumptives, Gravenhurst, and Dr. H. H. Washburn, of the Queen Alexandra Sanatorium, London, were appointed to the staff, taking charge of the Ottawa and North Bay Units, respectively. Dr. J. S. Hazen, of the Mountain Sanatorium, Hamilton, replaced Dr. Cragg in the Central Office.

ESTIMATE OF COST OF EACH CLINIC EXAMINATION

Total amount expended by Division	$ 73,750 63
Less salaries of Director and Secretary	6,300 00
	$ 67,450 63
Total Number of clinic examinations	13,591
Average cost	$ 4 96

THE COST OF DISCOVERING A CASE OF TUBERCULOUS DISEASE

(Based on Average Cost of $4.96 per Clinic Examination)

Age Groups	No. of 1st Exams.	Total Cost of Exam.	No. of Cases of Tub. Dis. Discovered	Average Cost per Case	No. of Cases Discovered Req. San. Treatment	Average Cost of Discovering a Case Req. San. Treatment
0 to 9	1310	$ 6,497 60	87	$74 68	22	$295 34
10 to 19	2857	14,170 72	218	65 00	66	214 70
20 to 29	2009	9,964 64	105	94 90	62	160 72
30 to 39	1378	6,834 88	90	75 94	36	189 86
40 to 49	817	4,052 32	65	62 34	31	130 72
50 and over	692	3,432 32	92	37 30	37	92 76
Total	9053	$ 44,952 48	657	$68 42	254	$176 97

AVERAGE COST OF DISCOVERING A NEW CASE OF TUBERCULOUS DISEASE BY REPEAT EXAMINATIONS (BASED ON AVERAGE COST OF $4.96 PER CLINIC EXAMINATION)

There were 4538 repeat examinations—the cost for this service being................	$ 22,509 08
There were 50 new cases of tuberculous disease found—the average cost being	450 19
23 of these were recommended for sanatorium treatment—The average cost being........................	988 65

With the passing of the Amendments to the Sanatorium for Consumptives Act and the Regulations thereto, effective July 1st, 1938, it seemed necessary to have attached to this Division a Sanatorium Medical Inspector. Since the Provincial Government is now contributing approximately ninety-five per cent. of the operating revenue of sanatoria it is obvious that the Department of Health should be assured that sanatorium treatment is being afforded to only those properly requiring such and that the length of stay in sanatorium is not unnecessarily prolonged.

In July, 1938, Dr. C. A. Wicks was transferred from the Hospitals Division to this Division to undertake the visiting of sanatoria as the major portion of his duties. Since his appointment, one visit has been made to nine of the thirteen sanatoria. At each visit, the following is accomplished:

(*a*) A review of the case records and x-rays of every patient under treatment with the physicians in charge. A card is completed in every case giving rather detailed information including types of treatment received. These cards are on file in this office.

(*b*) Securing answers from the Medical Superintendent to a large series of questions which serves as a survey of bed capacity, facilities for treatment, etc., as well as the management and operation of various services within the sanatorium.

(*c*) Interviewing those patients from unorganized territory who are without municipal residence for whom the Department of Health is responsible for after-care, where assistance is required.

(*d*) At a conference with the Director following each visit, problem cases are discussed and a letter sent to the Medical Superintendent regarding the cases which have presented difficulties.

(*e*) The information upon the individual cards is collected and tabulated following each visit. In this manner, the treatment being afforded patients at particular sanatoria is shown very clearly. As well as types of treatment, this analysis also includes age groups, occupation, duration of residence in sanatorium, etc., as well as the ratio of staff to patients, treatment facilities available and other services rendered.

At the present time a complete report is being prepared from this information which will be included in the next Annual Report of this Division.

Dr. Wicks has also undertaken the supervision and follow-up work in connection with those ex-sanatorium patients whose after-care is the responsibility of the Department of Health. Periodic medical reports are obtained upon such ex-patients to determine when after-care is no longer required.

The inauguration of the new programme placed additional responsibility in the matter of accounting on this Division. It was felt necessary to have an accountant appointed to assume the responsibility of examining the business and financial organization. In this capacity Mr. Beauchamp joined the staff of the Division in July. His chief duty is to inform the Department whether or not the existing accounting systems in sanatoria provide adequate accountability of the financial status and operations of the institutions insofar as they concern the Department. Nine institutions have been surveyed, and the findings would indicate that in many cases the business organization has not kept pace with the phenomenal growth of sanatoria in general.

The most effective means of assuring the Department of economic disposition of the grants it makes to the various sanatoria lies in its ability to make dependable comparisons of the cost of rendering similar services in different institutions. Unfortunately the existing accounting systems have not been designed around the hospital services and at the present time there is no common unit or units by which sanatoria can be justly compared. It is hoped that after completion of his survey of sanatoria, Mr. Beauchamp will be able to present for consideration a uniform accounting system which will be acceptable to both sanatoria and the Department. In this way the Department can determine the value received for the money expended.

Tables XIII and XIV show the changes in Tuberculosis Death Rates comparing the periods 1924 to 1928, and 1933 to 1937.

TABLE XIII

Age Group	Males				Females				Percent Decrease	
	1924–1928		1933–1937		1924–1928		1933–1937		Males	Females
	Deaths	Rate*	Deaths	Rate*	Deaths	Rate*	Deaths	Rate*		
Under 1 yr.	94	61.8	51	32.7	87	59.2	32	21.3	47.1	64.0
1	69	45.8	57	36.4	75	51.0	37	24.3	20.5	52.4
2	43	27.7	30	18.0	42	27.9	36	22.2	35.0	20.4
3	33	21.2	35	20.8	37	24.3	19	11.5	1.9	52.7
4	21	13.2	19	11.1	33	21.5	10	6.2	15.9	71.2
5 - 9	87	10.8	83	9.4	112	14.2	75	8.7	13.0	38.7
10 - 14	122	16.3	67	7.9	174	23.8	80	9.7	51.5	59.2
15 - 19	257	35.6	164	19.2	488	69.7	283	34.7	46.1	50.2
20 - 24	434	66.3	302	39.1	699	105.1	478	63.5	41.0	39.6
25 - 29	512	81.0	315	44.2	584	94.0	435	64.5	45.4	31.4
30 - 34	484	77.2	320	47.5	490	80.7	307	47.4	38.5	41.3
35 - 39	450	78.8	357	54.2	375	69.3	236	37.2	31.2	46.3
40 - 44	395	73.3	337	54.5	338	66.8	194	33.5	25.6	49.9
45 - 49	341	73.1	323	57.0	238	55.4	179	34.8	22.0	37.2
50 - 59	524	72.7	595	70.2	389	56.6	253	31.6	3.4	44.2
60 - 69	383	81.7	389	71.5	293	63.9	232	42.7	12.5	33.2
70 - 79	182	78.9	188	65.1	157	67.0	162	54.4	17.5	18.8
80 plus	24	38.1	24	33.6	39	54.3	39	45.9	11.8	15.5

*Based on population at ages, estimated for 1926 and 1935.

TABLE XIV

MORTALITY FROM TUBERCULOSIS BY AGE ONTARIO 1924-28 AND 1933-37

Age	1924–1928		1933–1937		Per Cent. Decrease
	Deaths	Rate*	Deaths	Rate*	
Under 1 yr.	181	60.5	83	27.2	55.0
1	144	48.4	94	30.4	37.2
2	85	27.8	66	20.1	27.7
3	70	22.7	54	16.1	29.1
4	54	17.3	29	8.7	49.7
5 - 9	199	12.5	158	9.1	27.2
10 - 14	296	20.0	147	8.8	56.0
15 - 19	745	51.4	447	26.8	47.9
20 - 24	1133	85.9	780	51.1	40.5
25 - 29	1096	87.3	750	54.1	38.0
30 - 34	974	78.9	627	47.4	39.9
35 - 39	825	74.2	593	45.9	38.1
40 - 44	733	70.2	531	44.3	36.9
45 - 49	579	64.6	502	46.3	28.3
50 - 59	913	64.8	848	51.4	20.7
60 - 69	676	71.9	621	57.1	20.6
70 - 79	339	72.9	350	59.7	18.1
80 and over	63	46.3	63	40.3	13.0
All Ages	9133	57.7	6747	37.5	35.0

*Per 100,000 estimated population at ages for 1926 and 1935.

DIVISION OF LABORATORIES

A. L. MacNabb, B.V.Sc., *Director*

The volume of work conducted by the Division of Laboratories during the year 1938 shows an increase of 64,428 examinations over the previous year.

The Central Laboratory now has a staff of 67 members. Of this number, five are employed in overtime duty. The Central Laboratory is open for the reception and examination of specimens from 6 a.m. to 12 midnight.

During the past year, two members of the Central Laboratory staff resigned, one member was superannuated on account of ill health and five transfers were effected in the Division. Dr. Jas. W. Bell was transferred to the Central Laboratory staff, Dr. A. E. Allin to the Directorship of the Fort William Branch Laboratory, Mr. A. D. McClure, B.A., was transferred to the Directorship of the North Bay Branch Laboratory, replacing Dr. W. M. Wilson, who was transferred to the Central Laboratory, and Miss Evelyn Tuft was transferred to the North Bay Branch. This latter transfer was necessitated due to the marked increase in the volume of work at the North Bay Laboratory. Dr. Stuart Penny was appointed to the staff of the Laboratory Division. Dr. Penny is now serving in the capacity of Pathologist at the Central Laboratory, replacing Dr. H. A. Ansley, who is at present on leave-of-absence.

Papers Presented.

The following presentations were made at the Ontario Health Officers' Association meeting this year:

(1) Recent Advances in the Preparation of Typhoid Paratyphoid Vaccine

(2) Preparation of Pertussis Vaccine.

(3) The Opsono-cytophagocytic Diagnostic Test for Undulant Fever, Supplementing the Agglutination Test.

(4) Recent Advances in the Serology of Syphilis.

(5) Pneumococcus Typing by the Neufeld Method.

At the Christmas meeting of the Laboratory Section of the Canadian Public Health Association the following papers were presented:

(1) (*a*) Preparation of Pertussis Vaccine.
    (*b*) The Selection of Strains for the Preparation of Pertussis Vaccine.

(2) The use of S. para B. Type and Group Antigen in the Routine Diagnostic Agglutination Test for the Diagnosis of Paratyphoid B. Infection.

(3) Phosphatase Test as an Index for Determining the Efficacy of Pasteurization.

(4) Pneumococcus Typing by the Neufeld Method and the Results of 100 Serum Treated Cases.

(5) Concentration Methods for the Microscopic Smear Examination of Tubercle Bacilli.

In addition to these, the Director presented a paper at the American Public Health Association Meeting held in Kansas City last October, on "The Primary Isolation of Tubercle Bacilli by Cultural Methods."

Papers Published.

(1) Frozen Section Technique for Pathological Tissue Specimens.

(2) Pneumococcus Typing.

(3) Bacteriological Study of Material from Eating and Drinking Utensils.

Investigational Work.

Investigational work has been conducted in connection with the following:

(1) Leptospira.

(2) Routine work in connection with pneumococcus typing.

Forty-five strains have been isolated which did not fall in Types One to Thirty.

Serum has been prepared from some of these strains in an effort to determine whether or not these unidentified types of pneumococcus fall into one or several types.

(3) An extensive study in connection with the application and use of the phosphatase test was conducted. This paper is now ready for publication.

(4) A further study has been conducted on the various methods of preliminary treatment of specimens for the primary isolation of Tubercle Bacilli. The results of this work will be published during the coming year.

Following is a brief resumé of the work conducted by the Division.

Table I outlines the number and nature of examinations conducted in the Central and each of the Branch Laboratories.

TABLE I

DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO

ANNUAL REPORT

ROUTINE PROCEDURES NUMBER OF EXAMINATIONS

Type of Specimen	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterboro	Sault Ste. Marie	Total
BACTERIOLOGY:									
Diphtheria—Direct Smears	1128	1046	1102	524	24	297	138	16	4275
Cultures	4995	1307	2618	670	458	413	141	122	10724
Virulence Tests	87	10		4		6			107
Kellogg Tests	185								185
Further Reports	508			404	43	363	504	161	1983

TABLE 1—Continued

Type of Specimen	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterboro	Sault Ste. Marie	Total
Tuberculosis—									
Microscopic Smears	10378	5584	2500	1854	2004	1558		2	23880
Guinea Pigs Inoculated	1003	7	44	22		78	17		1167
Cultures	5032	341	876	688	25	416	4		7382
Pneumo Typing	1732	143	21	341	77	137	21		2472
Agglutinations—									
Dried Blood—Typhoid	46	59	74	4	2	6	2		193
Para A	46	59	74	3		6	2		190
Para B	46	59	74	4		6	2		191
B. Abortus	46	59	32	3		6	2		148
B. Tularense	46	59		3		6			114
Whole Blood—Typhoid	5756	2590	237	641	281	249	89	16	9859
Para A	2878	2047	236	359	262	249	88	16	6135
Para B	5756	2051	236	698	281	249	88	17	9376
B. Abortus	2878	2521	237	377	281	249	178	17	6738
B. Tularense	2878	1062		299		249	88	17	4593
B. Dysentery Flexner	42	9							51
B. Dysentery Shiga	34			6					40
B. Enteriditis									
Feces Examinations	1943	696	235	512	155	209	31	17	3798
Blood Cultures	3804	1534	126	455	164	273	125	26	6507
(Undulant Fever)									
Gonorrhea—Smear Examination	17197	3780	4211	3283	1878	4741	1185	1561	37836
Complement Fixation	612								612
Rabies	13	8							21
Spinal Fluids	394	1088	70	25	169	175	22	13	1956
Miscellaneous	12977	4520	395	1784	490	1137	223	1118	22644
Milk	5973	3073	7149	2983	1748	1014	1368	1309	24617
Further Tests		1851	1440	585	216	265	132	201	4690
Water	11603	4447	4325	3756	390	302	1857	3751	30431
Further Tests			345	324	859	1690	181		3399
SYPHILIS:									
Dark Field	204	20	5	64	9	73	1	4	380
Blood Sera—S. Kahn	56424	18166	17476	7828	4962	8219			113075
P. Kahn	273	3567		1313		288			5441
K. Wassermann	2490	6225	1061	661	5032	1652			17121
D. Kline	157	470							627
Hinton	54797	13004	16823	6896	4962	6533			103015
Spinal Fluids—S. Kahn	2342								2342
K. Wassermann	2411								2411
Colloidal Gold	1919	1088	365	197		92			3661
Colloidal Mastic	1042	1031	144	21		71			2309
Globulin	375	1086	546	229	15	266			2517
Quantitative Kahn +	115	27	42						184
Total Protein	1799								1799
CHEMISTRY:									
Blood Sugar	13044	2633	602	439	418	814	214	337	18501
N.P.N	6238	1646				407		10	8301
Milk +	5973	1917	3504	984	229	1041	1005	1271	15924
Further Tests		1475	561		60	1045	739	2521	6401
Water	194	38	11					274	517
Further Tests			26						26
Coal Samples—Calorific Value	84								84
Ash	84								84
Moisture	114								114
Volatile Matter	33								33
Miscellaneous	3161	508	122	415	58	150	63	1180	5657
Liquors—Alcohol	1056								1056
Beer	181								181
Spirits	364								364
Wines	507								507
PATHOLOGY	8658	1967			2391		797		13813
A—Tests for Bovine Brucelliasis	3525	859							4384
Total Examinations for Year	267580	95733	67945	39658	27943	35000	9307	13977	557143

It will be noted that the Division conducted 557,143 examination during the past year. It will be also noted that 2,472 typings for pneumonia were conducted, 341 of which were conducted at the Fort William Branch Laboratory and 137 at the North Bay Branch.

Table II outlines the number of specimens examined in each of the Laboratories from the years 1934 to 1938, inclusive.

TABLE II

NUMBER OF SPECIMENS EXAMINED IN EACH OF THE LABORATORIES FROM 1934–1938 INCLUSIVE

	1934	1935	1936	1937	1938	Increase over 1937
Toronto	201,904	214,755	224,564	244,612	267,580	22,968
London	67,487	75,213	75,207	87,794	95,733	7,939
Ottawa	56,957	56,468	56,786	59,755	67,945	8,190
Fort William	14,934	18,666	24,137	30,014	39,658	9,644
North Bay	6,238	8,411	11,773	27,249	35,000	7,751
Kingston	16,304	20,723	20,072	22,008	27,943	5,935
Sault Ste. Marie	9,572	11,926	11,805	12,225	13,977	1,752
Peterborough	7,881	8,893	9,175	9,058	9,307	249

Table III outlines the products prepared and distributed by the Central Laboratory for the year 1938. In addition to the preparation of these biological products, 218,029 outfits were prepared and distributed by the Central and Branch Laboratories.

TABLE III

BIOLOGICAL AND CHEMICAL PRODUCTS PREPARED AND DISTRIBUTED FROM MAIN LABORATORY DURING YEAR 1938

T. A. B. Vaccine	5,541 pkgs.
Pertussis Vaccine	20,004 pkgs.
Rabies Vaccine	31 pkgs.
Polio Serum	257 pkgs.
Silver Nitrate	3,086 ozs.
Bismuth Oxychloride	179,110 grs.
Mercury Salicylate	7,150 grs.
Sodium Hydroxide in the Treatment of V. D. S.	376 ozs.
Distilled Water in the Treatment of V.D.S.	65,066 ozs.

Laboratory Animals.

During the year, 60% of the mice and 7.3% of the guinea pigs were raised at or in connection with the Laboratory. Breeding stock now in hand includes 225 guinea pigs, 200 mice, 1 rabbit and 4 rats. Arrangements are being made whereby it is hoped that in future all mice and guinea pigs needed may be raised at the Queen St. Hospital breeding unit.

The following table shows the number of laboratory animals raised in the Laboratory or in the unit at the Queen St. Hospital, and those purchased:

	Mice	Guinea Pigs	Rabbits	All Animals
Raised	1,500	100	0	1,600
Purchased	1,000	1,280	176 at $0.75	
Price each	17½c	60c	133 at $1.00	2,589
Cost of Animals	$175.00	$768.00	$265.00	$ 1,208.00
Cost of Feed				642.34
				$ 1,850.34

Media and Preparation Room.

The increase in the volume of work in the Laboratories necessitated additional work in the Media Room. During the year, 926 batches of media were prepared. Forty-two thousand, nine hundred and eighty-six cultural plates were dispensed and distributed to the Laboratory. This amount, supplemented by the preparation of 142 lots of stain preparation necessitated the placing of additional help in this Section.

Diphtheria.

The following table (Table IV) outlines the routine work of the Central Laboratory in connection with the examination of 4,995 swabs submitted to determine the presence or absence of C. diphtheriae.

TABLE IV

DIPHTHERIA

		Positive		Negative	
	Number	Number	Per Cent.	Number	Per Cent.
Direct Smears	1128	....	....	....	....
Cultures	4995	158	3.13	4837	96.87
Virulence Tests	87	15	17.24	72	82.76

Tuberculosis—Microscopic.

Twenty-three thousand, eight hundred and eighty microscopic smear preparations were prepared and examined for the presence of Tubercle Bacilli by the Division of Laboratories.

During the autumn investigations were made with a view to finding whether or not a method of treating specimens of sputum for examination for tuberculosis could be found which would be more efficient than the method hitherto in use. Four methods of concentration, namely those of T'Ang, Andrus and MacMahon, Kinyoun, and Hanks were performed on fifty sputum specimens of sanitarium patients, and the results compared with those obtained by the routine method of autoclaving and centrifugation.

The results indicated that of these methods, that of Andrus and MacMahon was the most efficient, the others having no very decided advantage over the autoclave method. Adoption of the Andrus-MacMahon technique as a routine is proposed for the coming year.

In this investigation, the hydrocarbon flotation principle, represented by the Kinyoun method, presented certain advantages. Further studies are in progress in the hope that the difficulties encountered may be overcome and that this principle may be found adaptable to the routine examination of large numbers of specimens.

Tuberculosis—Cultural.

Table V outlines the cultural results obtained in the examination of 4,841 specimens. It will be noted that 7.79% yielded positive results.

TABLE V

(October 1st, 1937 to October 1st, 1938)

TABLE OUTLINING THE RESULTS OF CULTURAL TESTS ON 4,841 SPECIMENS

Type of Specimens	Total Number of Specimens	Number of Positives			Number of Negatives	Percentage of Positives
		At 4 Weeks	At 8 Weeks	Total Positive		
Sputa	2918	149	104	253	2664	8.66
Pleural Fluids	348	13	11	24	324	6.92
Urines	628	27	15	42	586	6.56
Left Ureter	230	2	2	4	226	1.74
Right Ureter	215	1	2	3	212	1.38
Joint Fluids	94	2	1	3	91	3.20
Pus	125	16	2	18	107	14.40
Spinals	86	6	4	10	76	11.60
Glands	53	3	1	4	49	7.55
Miscellaneous	144	2	0	2	142	1.38
Totals	4841	221	142	363	4478	7.79
				14 (pigs)		
				377		

The culture media used in this routine work were identical with those used last year, with the addition of Schwabacher's medium.

Table VI outlines the results obtained in connection with the examination of pleural fluid specimens.

TABLE VI

PLEURAL FLUIDS EXAMINED

(September 30, 1937, to October 1st, 1938)

B. Tuberculosis on direct smear	14
B. Tuberculosis on direct smear, staphylococcus aureus	1
B. Tuberculosis on direct smear, haemolytic streptococcus	2
B. Tuberculosis on culture	14
B. Tuberculosis on culture, staphylococcus aureus	1
B. Tuberculosis on culture, B. Coli	1
B. Tuberculosis on culture, haemolytic streptococcus	1
Staphylococcus Aureus	31
Staphylococcus aureus, haemolytic streptococcus	3
Staphylococcus aureus, pneumococcus	2
Staphylococcus aureus, B. Coli	2
Staphylococcus aureus, Streptococcus viridans	1
Staphylococcus aureus, haemolytic streptococcus, pneumococcus	1
Haemolytic Streptococcus	14
Haemolytic Streptococcus, Non-haemolytic streptococcus	1
Non-haemolytic streptococcus	3
Non-haemolytic streptococcus, B. Coli	2
Streptococcus Viridans	3
Pneumococcus	54
Pneumococcus, haemolytic streptococcus	2
Pneumococcus, B. Coli	1
B. Coli 4, spore bearing bacilli 14	18
No growth	223
	395

From the foregoing table it will be noted that the finding of organisms such as pneumococcus, staphylococcus or streptococcus, on preliminary culture does not in any way exclude the possibility of tubercle bacilli being also present.

Table VII outlines a comparative study in which the culture for the primary isolation of tubercle bacilli on 2,189 specimens was controlled by animal inoculation.

TABLE VII

2,189 SPECIMENS FROM VARIOUS SOURCES ON WHICH CULTURAL TEST WAS CONTROLLED BY GUINEA-PIG INOCULATION

YEARS 1933-1938, INCLUSIVE

Type of Specimen	Total Number	Guinea-Pigs		Cultures	
		Negative	Positive	Negative	Positive
Urine	439	354	85	350	89
Right Ureter	497	463	34	465	32
Left Ureter	499	476	23	474	25
Pleural Fluid	3	1	2	1	2
Bone and Joint Fluid	245	212	33	209	36
Pus	118	83	35	81	37
Glands	61	49	12	53	8
Ascitic Fluid	46	43	3	44	2
Spinal Fluid	147	120	27	117	30
Miscellaneous	134	122	12	119	15
Total	2,189	1,923	266	1,913	276

Table VIII is an analysis of the results obtained as outlined in Table VII.

TABLE VIII

SPECIMENS FROM VARIOUS SOURCES ON WHICH EITHER CULTURE OR GUINEA PIG WAS POSITIVE

(YEARS 1933–1938, INCLUSIVE)

Type of Specimen	Culture Positive Pig Negative	Culture Negative Pig Positive
Urine	7	1
Right Ureter	3	5
Left Ureter	6	4
Pleural Fluid	0	0
Bone and Joint	4	3
Pus	4	2
Glands	0	4
Ascitic Fluid	0	1
Spinal Fluid	6	3
Miscellaneous	4	1
Total	34	24

It will be noted from the foregoing table that 4 glandular specimens failed to show growth on culture media, but were found to contain tubercle bacilli by the animal inoculation.

Miscellaneous.

Twenty-two thousand, six hundred and forty-four miscellaneous bacteriological specimens were examined. Miscellaneous specimens include specimens of sputum for pneumococcus typing, joint fluids, glandular fluids, pleural fluids and specimens of sputum upon which a cultural examination is to be performed for the presence of tubercle bacilli.

Pneumococcus Typing.

(Neufeld Method)—Two thousand, four hundred and seventy-two typings for pneumococcus (Neufeld Method) were conducted by the Division of Laboratories. Type strains have been maintained by the staff of this Section. Diagnostic type serum has been prepared for each of the known types, for use both at the Central Laboratory and for distribution to our Branch Laboratories. It will be noted that at the Central Laboratory, 1,732 pneumococcus typings were conducted. In addition to this diagnostic work, the staff prepared 6,000 c.c. of diagnostic sera. The following table (Table IX) gives the incidence of the various pneumococcus types in the specimens examined from January 1st, 1938 to December 31st, 1938.

TABLE IX

INCIDENCE OF PNEUMOCOCCUS TYPES IN VARIOUS SPECIMENS
(JANUARY 1, 1938, TO DECEMBER 31, 1938)

Type	Sputa	Throat Swabs	Pleural Fluid	Mastoid or Ear	Spinal Fluid	Miscellaneous
1	143	9	51	9	1	5
2	62	1	1	2	....	....
3	103	4	1	5	1	2
4	27	2	1	1	1	....
5	31	1	6	2	1	....
6	39	2	2	....	2	1
7	37	....	5	....	....	....
8	40	3	1	1	....	1
9	31		....	....	....	....
10	13	....	....	....	....	....
11	20	2	1	....	....	....
12	11	....	....	....	1	1
13	20	1	....	....	....	....
14	11	2	....	....	....	2
15	26	....	2	....	1	1
16	24	1	1	....	....	....
17	8	1	....	....	....	1
18	31	1	....	....	....	1
19	21	5	1	....	....	2
20	15	....	....	....	....	....
21	13	....	....	1	....	....
22	28	....	1	....	....	....
23	10	3	1	1	1	2
24	6	1	....	....	....	....
25	6	1	....	....	....	....
27	5	....	....	....	....	....
28	12	....	....	....	....	....
29	22	4	....	....	....	....
31	9	....	....	....	....	....
32	2	....	....	....	....	....
Undetermined type	25	....	2	....	1	....
	851	44	77	22	10	19

In addition, a questionnaire form was forwarded to the physicians one month following the despatch of typing result. The following table (Table X) gives the data which were compiled from the replies received.

TABLE X

PNEUMOCOCCUS TYPING—SPUTA

Cases where pneumococci were isolated showing the number and percent. with pneumonia for each type.

Deaths from pneumonia in each type with case fatality.

Type	Total Number	Cases of Pneumonia	Percent. of Total	Deaths	Case Fatality	Type	Total Number	Cases of Pneumonia	Percent. of Total	Deaths	Case Fatality
I	125	124	99.2	13	10.5	XVIII	20	16	80.	1	9.
II	42	42	100.	4	9.5	XIX	24	21	87.5	. .	......
III	114	101	88.6	19	18.8	XX	24	18	75.	3	16.6
IV	38	32	84.2	4	12.5	XXI	7	5	71.4	..	.....
V	39	39	100.	6	15.4	XXII	26	23	88.5	7	30.4
VI	50	35	70.	4	11.4	XXIII	15	9	60.	1	11.1
VII	38	33	86.8	4	12.1	XXIV	12	11	91.6	....	......
VIII	59	48	81.3	2	4.1	XXV	5	4	80.	....	......
IX	19	12	63.1	4	33.3	XXVII	9	7	77.7	....	......
X	17	12	70.6	....	......	XXVIII	18	14	77.7	3	21.4
XI	8	7	87.5	. . .	....	XXIX	25	18	72.	3	16.6
XII	18	15	83.3	..	..	XXXI	14	10	71.4	2	20.
XIII	14	10	71.4	1	10.	XXXII	3	1	33.3	....	......
XIV	11	9	81.8	.	...	Undetermined	46	38	82.6	2	5.3
XV	20	15	75.	...	......						
XVI	23	17	73.9	2	11.8						
XVII	17	11	64.7	1	9.	Total	900	757	80.4	86	8.8

These results were obtained from questionnaires submitted to physicians for whom the typings were performed.

Bacteriological Water Examinations.

Thirty thousand, four hundred and thirty-one bacteriological water examinations were conducted by the Division of Laboratories. The technique approved by the American Public Health Association was adhered to in connection with the examination of these specimens.

Milk.

Twenty-four thousand, six hundred and seventeen milk samples were examined for bacterial content. As a routine, the total plate count is supplemented by the B. Coli count. When requested by the Medical Officer of Health, further examinations are made for the presence of hemolytic streptococci, determination of chlorides, rennet coagulation, etc.

A study was conducted as to the value of the phosphatase test as an index to determine the efficacy of pasteurization. Phosphatase is an enzyme present in various body fluids. It is present, in fairly large amounts, in milk. Under suitable conditions, it has the property of hydrolysing organic phosphoric esters to inorganic phosphates. It is almost completely destroyed by the usual pasteurization procedures. In doing the test, disodium phenyl phosphate of controlled hydrogen ion concentration is subjected to the action of the milk for a definite time at incubation temperature. Phenol is liberated in varying amounts, depending on the amount of the enzyme present. The presence and relative amount of phenol is determined by means of Folin and Ciocalteu's reagent. The presence of phenol produces a blue colour with this reagent and records are made in terms of blue units on the tintometer scale.

In our Laboratory, a number of samples of raw milk were pasteurized at various temperatures for 30 minutes. Further samples were pasteurized at 143° F. for various times. Phosphatase tests were carried out on these. A number of commercially pasteurized samples were also examined. The phosphatase test used closely follows the method of Kay and Graham.

Colon Typhoid.

The work in this sub-section of our Laboratory is gradually becoming more complicated. The Laboratory has undertaken the identification of typhoid strains isolated as suggested by Craigie. In addition to this, stock strains for the additional members of the para B. group of organisms have been obtained for which serum will be prepared. The Central Laboratory is in a position to identify any of the known members of the Salmonella group of organisms. The routine agglutination test conducted in the Central Laboratory includes each serum being tested with the following antigens:

S. typhi H
S. typhi O
S. paratyphi B group
S. paratyphi B type
S. para A.

In addition to this routine test for members of the Salmonella group, the serum is also tested against Brucella abortus, H. tularense and B. proteus X19.

The value of using type and group antigens is demonstrated in the following Table.

TABLE XI

Laboratory Results	No. Positive
Type-Phase......... + Group-Phase......... +	59
Type-Phase......... + Group-Phase......... —	58
Group-Phase......... + Type-Phase......... —	5
Culture only......... +	5
Total.........	127

It will be noted from the above table that had care not been exercised to ensure that the bacterial suspension used in the antigen preparation was in the type phase, 58 cases of para B infection would have passed unnoticed, or, in other words, a negative laboratory report would have been despatched.

Table XII outlines the agglutination test results for the years 1933 to 1938, inclusive.

TABLE XII

ANALYSIS OF WHOLE BLOOD EXAMINATIONS MADE FROM THE YEAR 1933 TO 1938 INCLUSIVE

Year	Number Examined	B. Typhosus		Para B.		Br. Abortus	
		Number Positive	Per Cent. Positive	Number Positive	Per Cent. Positive	Number Positive	Per Cent. Positive
1933	2,227	129	5.8	60	2.7	67	3.0
1934	2,155	218	10.1	66	3.0	80	3.7
1935	2,195	360	16.4	66	3.0	84	3.8
1936	2,035	196	9.1	72	3.5	73	3.6
1937	2,629	282	10.7	110	4.2	69	2.2
1938	2,878	321	11.11	73	2.53	104	3.64

In addition to the results outlined in the above mentioned Table, 4 specimens yielded positive results in the agglutination test for S. paratyphi A. and 3 for H. tularense.

Table XIII outlines the blood cultures examined during the year 1938.

TABLE XIII

BLOOD CULTURES EXAMINED DURING 1938

1938	Number Examined	Number Positive	Per Cent. Positive
S. Typhi	2878	45	1.563
S. Paratyphi B	2878	13	.455
Haemolytic Streptococcus	2878	25	.865
Streptococcus Viridans	2878	36	1.250
Haemolytic Staphylococcus Aureus	2878	42	1.459
Pneumococcus Type 1	2878	1	0.347
Totals	2878	162	5.939

Table XIV outlines the results of the examinations on 1,943 specimens of stool and urine.

TABLE XIV

STOOL AND URINE EXAMINATIONS—1938

Organisms Isolated	Number Positive	Per Cent. Positive
Salmonella Typhi	100	5.146
Salmonella Paratyphi B	52	2.680
Shigella Paradysenteriae Flexner	34	1.753
Shigella Paradysenteriae Sonne	28	1.441
Salmonella Typhi Murium	1	0.051
Salmonella Columbensis	8	0.411
Salmonella Morganni	17	0.874
Haemolytic Staphylococcus Aureus	1	0.051
Haemolytic Staphylococcus	9	0.463
Streptococcus Viridans	9	0.463
Total Number Positive	259	
Total Number Negative	1684	
Total Number Examined	1943	

Investigational work in connection with enrichment fluid used in the outfit distributed by the Division has been conducted. This outfit now contains two vials, one of which contains a mixture of buffer saline and glycerine 20% and the other, buffer saline. A study as to the value of tetrathionate broth is under way. The cultural plates used in connection with the bacteriological examination of stools are the eosin methylene blue and the McConkey's bile salt agar. This latter medium contains sodium chloride and has been found an excellent medium for the isolation of dysentery organisms. We have continued the use of Endo medium, as in years past. Bismuth sulfite medium is being used for the isolation of S. typhi.

Syphilis (Serodiagnosis).

The routine instituted in 1937 has been followed during the past year, namely, that of subjecting all specimens received to a Standard Kahn and Hinton flocculation. Where the results are in complete agreement, the report is forwarded. Should the results not be in agreement, the report is held and the specimen subjected to the Kolmer Wassermann technique. In special instances, a Presumptive Kahn and Kline slide test are also conducted.

The antigens are prepared at the Central Laboratory and distributed to the Branches. A small supply of antigen is obtained from the author of each test in order that each batch of antigen prepared at the Central Laboratory may be identical with that of the author.

Special emphasis is being placed on the desirability of quantitative tests in connection with the examination of blood serum from cases undergoing treatment. The qualitative test distinguishes between positive, doubtful and negative reactions, whilst the quantitative test in addition provides a measure of the degree of positivity.

Spinal Fluids.

In connection with the spinal fluid examinations, a Kolmer Wassermann is conducted, as well as colloidal gold and total protein determination. The Wassermann test is in our opinion more satisfactory in the testing of spinal fluid specimens. We have discontinued reporting globulin tests in view of the fact that a total protein determination is a routine procedure and is conducted on all spinal fluid specimens which are free from blood and not discolored.

Darkground Examination.

The following table outlines the number of specimens received at the Central Laboratory during the years 1937 and 1938.

TABLE XV

Number of Dark Fields	Number Where Days are Given	Average Number Days from Date of Exposure	Average Number Days from Date of Appearance of Primary Sore
215 (1937)	60 or 27.9%	40 days	13 days
178 (1938)	54 or 30.3%	34 days	10 days

Table XVI outlines the serological results obtained in connection with the examination of peripheral blood specimens submitted in the dark field outfit. The greater sensitivity of the Presumptive Kahn and Hinton flocculation tests will be noted. These tests demonstrate that they are of value when used as exclusion tests for early diagnosis.

TABLE XVI

Number of Examinations	+ Dark Field	+ Dark Field and Serology	Presumptive Kahn Positive and Doubtful	Standard Kahn Positive and Doubtful	Wassermann Positive and Doubtful	Hinton Positive and Doubtful	Kline Positive and Doubtful
178	47.71						
150		12.63					
153			26.79				
153				22.87			
121					28.09		
150						26.66	
115							26.95

I wish to express my hearty appreciation to all members of the Central Laboratory staff, the Directors and staff of the Branch Laboratories, and to thank Dr. A. J. Slack, Director of the Institute of Public Health, London, for the hearty co-operation given me. I also wish to thank Professor James Miller, Richardson Laboratory, Kingston, for the assistance he has given our Division, serving as Departmental Consultant in Pathology. In conclusion, may I extend my appreciation to Dr. W. B. McClure, Dr. A. E. Allin, their Assistants and Mr. F. J. Murphy of the Central Laboratory staff, for the efficient service rendered in connection with pneumococcus typing.

PATHOLOGY

H. A. Ansley, M.B., D.P.H., *Pathologist.*

History.

The pathology section of the Central Laboratory was started in 1930, under the directorship of the late Dr. Edgar Bates, to provide tissue diagnostic service to institutions and physicians requiring this service. For the past eight years the work of this section has increased at the rate of 1500 specimens annually, the increase for 1938 being 1650. From 1930 to 1937 the section was housed in the basement of the Banting Institute, but in July, 1937, was moved to the fourth floor of the East Block Parliament Buildings, where it is at present located.

Personnel.

From January to October of 1938 the section was under the directorship of Dr. H. A. Ansley, and from October to December under Dr. S. F. Penny. Dr. Ansley was assisted from October, 1937, to April, 1938, by Dr. J. Bell, Director of Branch Laboratory, Fort William, and Dr. M. R. Shaver, graduate medical practitioner. Dr. W. M. Wilson, Director of Branch Laboratory, North Bay, also received instruction two weeks before proceeding to the Autopsy service at the Banting Institute. Dr. Morley Whillans acted as assistant pathologist for the months of April, May and June, receiving instruction in surgical and autopsy diagnosis. Mr. D. Wilson, undergraduate medical student, acted as assistant from July until the third week of August. In September, Dr. Doris Howell, graduate medical practitioner became assistant, her training in diagnosis continuing until the end of the year. In October, Dr. Ansley was transferred part-time to the Division of Communicable Diseases and Dr. S. F. Penny took over the direction of the Section, assisted by Dr. Howell.

With regard to the technical staff, no changes were made in 1938 with the exception of Miss McIntyre who took technical training in the Section from December 1st, 1937, until April 1st, 1938, at which time she was replaced by Miss R. Smith.

Equipment.

Owing to the increase in surgical and autopsy material two permanent slide files were purchased, as well as an extra Rotary-Paraffin-Section machine. The frozen-section rapid diagnostic service begun in 1937 was continued and expanded in 1938, over one-third of the specimens being handled in this way.

Diagnostic Services.

The work of the section consists of preparation by paraffin and frozen-section methods, of surgical and autopsy tissue for diagnosis. In 1930 a total number of 650 specimens were examined, in 1938, the total was 8658, 8514 of this total were surgical specimens and 146 autopsies. These specimens were received from 220 communities all over the Province as well as some from Noranda, Que., and St. Johns, Newfoundland. The section provides routine surgical tissue diagnosis as an adjunct to operating services for 156 hospitals, which represents an increase of 50 hospitals for 1938. A large majority of these hospitals are not equipped for local tissue diagnosis. A twenty-four hour service is given for surgical reports. This is especially valuable in the diagnosis of cancer by biopsy. The report in these cases is often wired or telephoned. In thirty-four cases of suspected cancer the result was wired within a few hours after receipt of the specimen. In twenty-five cases, largely from the Northern section of the Province, a duplicate report was sent to the Radiological Department of a tumour clinic. Several duplicate reports were sent with patients to the Mayo Clinic; the diagnosis was confirmed in each case. Of the surgical tissues about 10% were cancerous during the year 1938. Of the total 2,326 tumours received during the year, 768, or 33%, proved to be malignant, The autopsy service, which has increased from 9 autopsies in 1930, to 146 in 1938, consists of a few autopsies done by the Director of the section and his assistants; but to a large extent, consists of the examination of autopsy tissues sent in from hospitals or by physicians, tissues often being from medico-legal cases. In a few instances, the Department of Health has authorized the staff of the section to assist coroners by travelling to outlying areas to conduct medico-legal autopsies.

With regard to the autopsy service of the Mental Hospitals, owing to lack of sufficient staff, nothing further has been accomplished in the provision of a routine autopsy service by the Pathology Section. Except in cases where an autopsy is ordered by the Coroner, the Central Staff conducts the autopsy. Sections of all tissues except brain are prepared and a diagnosis made. The brain is sent to Dr. Linell, Prof. of Neuropathology, who has been Acting Neuropathologist to the Department of Health during the past year.

Demonstrations and Papers.

During 1938 several demonstrations of methods, for section of tissues in use in the Pathology Section were given to various groups, including the Field Course of the School of Hygiene; to the Health Officers of the Province at their annual meeting; and at Christmas meeting of the Laboratory Section of the Canadian Public Health Association. Demonstrations of the Frozen Section Technique by Miss I. Stephen, senior technician, were given at the School of Hygiene.

A paper on the same subject was published in the first issue of the Technical Bulletin of the newly-formed Canadian Society of Technologists by Dr. H. A. Ansley and Miss Stephen.

Advisory Board of Pathology.

This Board, with Dr. Deadman as Chairman and Dr. Ansley as Secretary, was formed December, 1937. A preliminary list of Approved Pathologists, to which was later added the following names: — Dr. L. C. Fisher, of Kitchener, and Dr. G. T. Zumstein, of St. Catharines; was forwarded to the Deputy Minister, who then advised the Public Hospitals of the pathologists who were approved and available. As a result of the previous meeting of the pathologists sponsored by the Department of Health, The Ontario Association of Pathologists was organized in December, 1938, with Major G. Shanks as president, and Dr. H. A. Ansley as secretary-treasurer. A preliminary constitution was drawn up and 22 members paid the annual dues of one dollar ($1.00) to join the Association. It is planned that in the future the Executive Council of this Association will take over the duties of the Advisory Board in Pathology.

We wish to express our appreciation to Dr. James Miller of Kingston, Consultant Pathologist for the Department and to Dr. W. L. Robinson,Pathologist to the General Hospital, Toronto, for their valuable assistance in a consulting capacity.

TUMOURS 1939

	Malignant				Benign			
	Male	Female	Unstated	Total	Male	Female	Unstated	Total
Adrenal	1	......	......	1	......	......	....	......
Appendix	3	3	......	6	......	......	......	......
Blood		1	......	1	......	......	......	......
Brain and Nerves	1	......	......	1	10	2	2	14
Bladder-urinary	5	1	......	6	4	......	......	4
Breast	1	125	......	126	4	87	......	91
Bones	4(2)	5(1)	......	12	11	16	2	29
Eye	3	2	......	5	......	2	......	2
Endometriosis		......	......	......	......	39	......	39
Fluids	5	10	1	16	......	......	1	1
Glands	13(16)	8(45)	1(1)	84	......	......	......	......
Salivary	(1)	......	1	2	10	5	......	15
Intestine—Small	5	4	......	9	......	1	......	1
Large	6	11(1)	......	18	1	......	......	1
Kidney and Ureter	2	1	......	4	......	......	......	......
Liver and Gall-Bladder	2(1)	1(2)	......	6	1	1	......	2
Mouth—Tongue—Lip	44	5	1	49	40	30	4	74
Nose and Throat	4	2	......	6	10	6	2	18
Ovary and Fallopian Tube		31(5)	......	36	......	83	......	83
Pancreas	1	......	......	1	1	......	......	1
Peritoneum and Omentum	(1)	1(23)	......	25	1	1	......	2
Prostate	19	......	......	19	8	......	......	8
Rectum and Anus	17	13	1	31	17	16	1	34
Skin	93(1)	53(3)	12	162	122	127	10	259
Subcutaneous Tissue Tendon and Muscle	5(4)	6(1)	3	19	90	110	6	206
Stomach and Oesophagus	4	5	1	10	......	......	......	......
Testis and Epididymis	7	......	......	7	2	......	......	2
Thyroid	2	2(1)	......	5	36	150	1	187
Urethra		1(1)	......	2	......	5	......	5
Uterus—Body		36(1)	......	37	......	332	1	333
Cervix		57	......	57	......	134	1	135
Vagina		4(1)	......	5	......	12	......	12
TOTAL	273	473	22	768	368	1159	31	1558
Percent	(36%)	(62%)	(2%)		(24%)	(74%)	(2%)	

Of the total tumours 33% are malignant.

( ) Secondary tumours.

AUTOPSY CASES FOR 1938

Autopsy Cases	80
Workman's Compensation Board	8
Animal	28
Coroners—(Material received, 15; Autopsies performed by Central Staff, 2)	17
Mental Hospitals—(Material received, 5; Autopsies performed by Central Staff, 3)	13
Total Autopsies	146

Year	Number of Surgicals	Number of Autopsies	Total Specimens	Number of Tumours	Benign Tumours		Malignant Tumours	
					Total Benign	Percent	Total Malignant	Percent
1930	599	9	609	....	....	......	......	....
1931	2625	46	2671	1065	496	46	569	54
1932	3083	30	3113	931	491	53	440	47
1933	3652	23	3675	1054	659	63	395	37
1934	4683	33	4716	1270	707	55	563	45
1935	5553	44	5597	1497	913	63	584	37
1936	5919	48	5967	1536	941	61	595	39
1937	6917	87	7004	1675	1106	66	569	34
1938	8512	146	8658	2326	1558	67	768	33

REPORT ENDING 1938

Number of communities served (1937) 134, (1938)	220
Number of Hospitals served	156
Number of Physicians and Surgeons	3000
Number of Frozen Sections	2936

FORT WILLIAM BRANCH LABORATORY

A. E. Allin, M.D., D.P.H., *Director.*

I beg to submit the Annual Report of Laboratory Examinations made during the year 1938 by the Branch Laboratory of the Department in Fort William.

A total of 39,658 examinations were made, an increase of 9,645 or 32.1% over 1937. These examinations were distributed as shown in the table below.

SPECIMENS EXAMINED, FORT WILLIAM LABORATORY

1937–1938

Examination	1937	1938	Increase	Per Cent. Increase
Diphtheria Cultures	411	670	259	63
Diphtheria, Direct Smears	365	524	159	43.6
Diphtheria, Further Reports	61	404	343	562
Diphtheria Virulence Tests	3	4	1	33.3
Tuberculosis Smears	1359	1854	495	36.5
Tuberculosis Cultures	16	688	672	4200
Tuberculosis Guinea Pigs Inoculated	9	22	13	144.4
Agglutinations	1296	2397	1101	85
Faeces Examinations	119	512	393	330
Blood Cultures	207	455	248	120
Gonorrhoea Smears	2635	3283	648	24.7
Spinal Fluid Tests	271	632	361	133.2
Miscellaneous Bacteriology	638	1784	1146	179
Pneumococcus Typings	75	341	266	355
Milk-Bacteriological	3149	3568	419	13
Water-Bacteriological	3138	3756	618	20
Dark Fields	40	64	24	60
Serological Tests	14,678	16,538	1860	13
Blood Sugars	271	439	168	62
Blood Ureas	79	169	90	114
Butter Fats and Miscellaneous Chemical	1193	1230	37	3
Beverage Room Utensils	0	324	324	....

The increase in the volume of work done in this laboratory was even greater than in previous years. As can be seen from the above table, it was generally distributed throughout all sections of the work. This may be attributed to the increasing population of the territory served by the laboratory, and additional physicians using the facilities offered. A few explanations are necessary to account for the large numbers of certain examinations performed.

(*a*) Despite the few cases of Diphtheria, the number of throat swabs submitted has rapidly increased. In the majority of instances, a Streptococcal infection is suspected, and confirmation is desired before treatment with Sulphanilamide is inaugurated.

(*b*) Cultural examination for the primary isolation of the tubercle bacillus was begun in December, 1937. This met with a favourable reception. Approximately 4% of the specimens examined proved to be positive.

(*c*) Two small outbreaks of Typhoid Fever, a few isolated cases of this disease, and a relatively large number of cases of Sonne Dysentery account for the increase in the number of Blood Cultures, Feces Examinations, and Agglutination Tests performed.

(*d*) This area suffered an epidemic of Type I Pneumonia during the winter of 1937-1938. The Laboratory typing service was largely used by the physicians; 341 specimens were submitted for typing. Type I serum was used with excellent results, the death rate of those treated being 12% compared with 30% in the untreated. Patients suffering with Type 3 Pneumococcus were treated with Sulphanilamide with 100% recovery.

During 1938, 24,277 outfits were prepared and 22,306 distributed, in comparison with 18,802 and 18,833, respectively, during 1937.

Only the co-operation of every member of the staff enabled the laboratory to carry out such a large volume of work. I express my thanks to them for their loyal assistance, and to Dr. A. L. MacNabb, Director of Laboratories, for his unfailing co-operation during the past year.

RICHARDSON LABORATORY, QUEEN'S UNIVERSITY, KINGSTON.

PROFESSOR JAMES MILLER, M.D., D.Sc., F.R.C.P. (E.), F.R.C.P. (Can.), F.R.S.C., *Director.*

Herewith, the statistics of the work carried out in the Kingston Branch Laboratory during the past year. It will be noted that the work done, as indicated by the number of reports issued, shows rather more than the usual increase, 27,943 as compared with 22,034 in 1937. Small increases are to be observed in most of the items. There is a considerable rise in the number of sputums examined for tubercle, in the number of gonorrhoea smears and in the serological tests for syphilis. On the other hand there is a diminution in the number of throat swabs for diphtheria and in the milk examinations.

A notable addition to the work of the laboratory is the typing of pneumococci in samples of sputum from cases of pneumonia. In 1937, 28 of these examinations were done, in 1938, 77. These numbers, however, do not indicate the amount of time spent by the members of the staff upon these examinations. The process is becoming more complicated and time-consuming as well as increasing in volume month by month and year by year.

During last year the examination of the water supplies of Kingston Municipality, of the Penitentiary and of the Royal Military College have been carried out in the Department of Preventive Medicine of Queen's University under the superintendence of Professor Wyllie. The co-operation between the two laboratories in this matter has been harmonious and entirely satisfactory.

The number of outfits prepared and distributed has also increased materially 14,873 in 1937, and 17,049 in 1938.

I should like to express my gratitude to you, Sir, to the Minister of Health, and to Dr. MacNabb for your co-operation and for your willingness to supply us with material of all kinds and with advice.

INSTITUTE OF PUBLIC HEALTH, LONDON.

A. J. Slack, Ph.C., M.D., D.P.H., *Director.*

I have the honour to submit herewith the Annual Report of laboratory examinations made during the year 1938 by the Branch Laboratory of the Department located in the Institute of Public Health, London.

Laboratory examinations made during the year numbered 95,733 as compared with 87,794 for the preceding year, showing an increase of 7,939 examinations or 9.0% in routine laboratory work.

A steady growth is shown in almost all lines of work with the most marked increase occurring in the more recent types of free examinations such as the Neufeld typing of pneumococci, the B. coli count in milk and the examination of wash and rinse water and eating and drinking utensils from restaurants and beverage rooms.

For many years our routine tests for syphilis have included the Kolmer Wassermann reaction and the Standard Kahn test. During this year the Hinton and Standard Kahn tests were adopted as routine with the Wassermann Presumptive Kahn, Quantitative Khan and Kline serving as confirmatory tests, conforming with the routine carried on by the Central Laboratory.

The only significant decrease in laboratory examinations will be found in Spinal fluids and in the bacteriological examination of water from private wells. This was to be expected because the epidemic of polio-myelitis and the occurrence of flood-conditions in Western Ontario during the previous year resulted in an abnormal demand for these examinations.

During the year 51,671 outfits for the collection of specimens were distributed from this laboratory representing an increase of 12 per cent. over 1937, while 17,827 outfits were reclaimed and prepared for redistribution which is an increase of 88 per cent. This laboratory also distributed 29,805 packages of free insulin and free biological products during the year.

I wish again to express my appreciation to the Institute staff and to Dr. A. L. MacNabb, Director of Laboratories, whose hearty co-operation have made possible the completion of another highly successful year.

OTTAWA BRANCH LABORATORY

F. L. Letts, M.B., D.P.H., *Director*

I have the honour to submit herewith a summary of the type and number of specimens examined at this Branch Laboratory during 1938, the total number being 67,945, an increase of 8,190 over 1938.

The low incidence of diphtheria and of the enteric diseases has allowed time for more detailed work on other types of specimens.

At the first of the year Mr. John Baron began routine cultures on all sputums negative for T. B. by direct smear, but pressure of other work curtailed this plan. Eight hundred and seventy-six cultures were made, using four different culture media for each. Of the 850 completed, that is, incubated for eight weeks, 58 sputums negative on direct smear were positive in culture.

Mr. Baron also cultured 50 samples of milk for the A.P.H.A. Committee on Standard Methods for the Examination of Dairy Products. This work involved the use of three different agar media: Standard; Modified T-G-M; and AAMMC, and two incubation temperatures: 32°C and 37°C.

B. Coli counts of milk are proving to be efficient checks on the cleaning and sterilizing of dairy equipment. Line inspection of a dairy plant usually locates any faulty apparatus or technique.

Specimens of blood and spinal fluid for serological test continue to increase in number, being routine in prenatal and other clinics.

PETERBOROUGH BRANCH LABORATORY

C. B. Waite, M.D., *Director*

I have the honour to submit my report for the Branch Laboratory, Peterborough, for the year 1938, as follows:

The total number of specimens for the year shows an increase of 249 over the previous year.

Examination of swabs for diagnosis of diphtheria continues to decrease and positive findings are rare.

Examinations for tuberculosis show an increase, probably due to the activities of the Central and Local Departments of Health endeavouring to control this disease.

There were a few sporadic cases of typhoid in the district but no epidemics, large or small, and there was a notable decrease in agglutination tests and faeces examinations. Blood cultures also showed a decrease.

There was an increase in the examination of milk specimens and water specimens. Tissue examinations also showed a small increase.

I wish to thank the Director for his co-operation and assistance during the year.

SAULT STE. MARIE BRANCH LABORATORY

N. F. W. Graham, B.A., M.D., *Director*

I beg to submit the statistics of the work done in the Sault Ste. Marie Branch Laboratory for the year 1938. The volume of work done shows a considerable increase over the previous year. The specimens examined this year total 14,080 as compared to 12,225 for 1937.

The increase this year is fairly distributed over the various items submitted. A noticeable increase is seen in the number of milk samples received. This might be attributed to the greater activity of the local sanitary inspector. An increase has also been noticed in the samples received from the district since compulsory pasteurization came into effect in October. An increase is also seen in the Chemistry of the City water due to a change in the disinfection of the City water supply when Chloramine was instituted.

Throughout the year a considerable number of Streptococcus infections has been seen. There has been no diphtheria and only one case of Infantile Paralysis. I would like to record my appreciation of the excellent co-operation I have received from the Deputy Minister, Dr. McGhie, and Dr. A. L. MacNabb, Director of Laboratories.

NORTH BAY BRANCH LABORATORY

A. D. McClure, B.A., *Director.*

I have the honour to submit for your approval the report on the work done in the North Bay Laboratory during the year 1938.

The number of examinations shows an increase of 7,751 over the previous year. This is an increase of 28%.

An examination of the figures does not show that this increase is due to any particular branch of the work but that it is a general increase in the number of all types of specimens received.

The introduction of B. coli counts and the Phosphatase test as indices of pasteurization and care in the handling of milk we hope will be a valuable aid to those responsible for the inspection of pasteurization plants in this district.

In the early part of the year the Kolmer Wassermann test was discontinued and the Hinton flocculation test was substituted for it. Our general observation would be that we have a very close correlation between the Hinton and the Kahn test. The Hinton test appears to be slightly more sensitive in treated cases.

The increase in the amount of work mentioned above resulted in a very heavy burden of overtime work for the staff. The transfer of Miss Evelyn Tuft from the Central Laboratory to this Laboratory has been a very valuable change from our standpoint. Miss Tuft's wide training at the Central Laboratory has enabled her to give valuable assistance in almost all branches of the work here. With the present volume of work the staff is now able to carry on the ordinary routine without a great deal of overtime work.

I wish to express thanks for myself and on behalf of the staff to Doctor MacNabb and the staff of the Central Laboratory for their co-operation in aiding us in the examination of specimens which have been a little out of our ordinary routine, for aid in verifying our findings where results have been open to doubt, and for the general promptness with which we have received our shipments of supplies.

DIVISION OF SANITARY ENGINEERING

A. E. Berry, M.A.Sc., C.E., Ph.D., *Director*

The report of the activities of the Division of Sanitary Engineering for the year 1938 must record some conspicuous advances. Important legislation for health protection was passed; greater expenditures have been made on municipal sanitary works; interest has increased in the operation of plants, and in efforts to further the knowledge of that sanitary science which leads to an economical and effective solution of troublesome problems, all of which make for safer and better living conditions. For the first time in many years the estimated cost of sanitary systems approved by the Department has shown an increase. This upward trend has occurred in both the water works and sewerage. The weather during the summer, a factor of some considerable importance in the work of the Division was not such as to aggravate unduly those conditions which tend to give rise to complaints. Requests for assistance have continued to be numerous, and have come chiefly from health officers and from municipalities where technical advice was needed.

Water Works Programmes.

Renewed interest in programmes of extensions of water works systems is indicated by an increased expenditure for the year. 88 certificates of approval were issued for a total value of $583,220.23, an increase of $297,878.91 over the previous year. A comparison with the figures for the last ten years is shown herewith.

Year	Waterworks Expenditures Approved
1929	$2,986,634 99
1930	6,245,237 60
1931	5,856,781 41
1932	1,627,173 71
1933	1,041,937 77
1934	817,838 63
1935	790,800 75
1936	683,600 04
1937	285,341 32
1938	583,220 23

While this expenditure is as yet considerably lower than might be hoped for it is encouraging to observe a returning interest in water works services. The work involved has been spread over a number of municipalities rather than being concentrated in a few of the larger places.

New Water Works Systems.

Adverse financial conditions have delayed the initiation of new water works systems. All larger communities are now serviced with public supplies, but those with populations less than 800 have found difficulty in securing sufficient public opinion to undertake the capital costs. In Northern Ontario new townsites have developed rapidly and the need for water systems in these places has become urgent. At Geraldton a distribution system has been completed, with a water supply from a lake in that vicinity. The recently incorporated town of Larder Lake made a start on a public system, but was delayed through inclement weather. This will be completed in 1939. The Village of West Lorne in Southern Ontario has arranged to build a system, and some contracts were let towards the end of the year. Water will be obtained from Lake Erie, and a filtration plant will be included in the system.

Water Treatment.

No new filtration plants have been constructed during the year. The duplicate plant of 100 m.g.d. capacity for the City of Toronto is nearing completion and should be in operation in 1939. Certain improvements have been made in water treatment which will aid materially in operating technique. At Port Hope a reservoir and pumping station have been added. Scarborough Township has increased the capacity of the supply works by constructing additional clear water storage. Woodstock has made a similar improvement. At North York conditions have been improved materially by putting into service an auxiliary underground water supply, treated by a water softening and iron removal zeolite plant. This is the third municipal softening plant to be operated in the province.

There are now 60 municipal filtration plants operating in the province. The details of these are listed in Table No. 1.

The sand in the filters at New Toronto has been replaced with "anthrafilt," and the operating results appear to be quite favorable.

Water Chlorination,

Chlorination continues to serve a very necessary function in water treatment. Two hundred municipal or public supplies now receive this protection, and over 80% of the total water consumption is chlorinated. Liquid chlorination is the almost universal choice but some of the smaller supplies are treated by hypochlorite feeders, with equally satisfactory results. The necessity for continuous protection of the supplies by chlorination or other means must be emphasized in spite of the fact that no municipal supplies have been responsible for water borne diseases during the year.

Supervision of Water Plants.

The regular supervision of water supplies by engineers of the Department has been continued. The staff has been allotted specific districts to cover. These are as follows:

TABLE I

District No.	Engineer in Charge.	Areas (by Counties and Districts)
1	E. W. Johnston	Essex, Kent, Lambton, Middlesex, Elgin, Oxford.
2	A. T. Byram	Waterloo, Wellington, Grey, Dufferin, Simcoe, Muskoka, York (West of Yonge Street).
3	G. M. Galimbert	Peel, Halton, Wentworth, Lincoln, Welland, Haldimand, Brant, Norfolk.
4	O. V. Ball	Ontario, Victoria, Durham, Northumberland, Peterborough, Haliburton, Hastings, Prince Edward, and the City of Toronto.
5	G. A. H. Burn	Carleton, Grenville, Dundas, Russell, Prescott, Stormont, Glengarry.
6	W. R. Edmonds	Temiskaming, Sudbury, Nipissing, Parry Sound, Bruce, Huron, Perth.
7	H. G. Tyler	Leeds, Renfrew, Lanark, Frontenac, Lennox, Addington, York (East of Yonge Street).
8	L. A. Kay	Kenora, Rainy River, Patricia, Thunder Bay, Algoma, Manitoulin.

The work of supervising water treatment plants has been carried on in conjunction with other field activities, thereby combining the work as much as possible. Particular attention has been paid to ensuring the safety of water supplies. Operators are changed from time to time in these plants, and sufficient care is not always used with respect to the qualifications of those replacing men who have been on the work previously. The need for well qualified plant operators is evident for water plants as well as for sewage works, dairies and other activities in which public health protection is a factor. In all cases there is an attempt to provide a good margin of safety, but since all processes must rely to some extent on the efficiency of the operator his training and qualifications are important.

The safety of the public water supplies of the province has had an influence on the typhoid rates in recent years. These are as follows:

TABLE II

TYPHOID FEVER

Year	No. of Cases	Deaths	Death Rate per 100,000 Population
1919	492	145	5.0
1920	713	203	7.0
1921	725	213	7.2
1922	576	179	6.0
1923	1663	238	7.9
1924	833	109	3.5
1925	859	137	4.4
1926	581	77	2.4
1927	967	109	3.4
1928	715	78	2.4
1929	738	97	2.9
1930	630	71	2.1
1931	756	97	2.7
1932	451	58	1.7
1933	477	47	1.3
1934	547	45	1.2
1935	310	41	1.1
1936	251	39	1.0
1937	241	27	0.7
1938	235	34	0.9

Sewerage Systems.

The downward trend in sewerage expenditures has been halted, and the total estimated costs of projects approved by the Department, totalling $1,083,331.57, approaches the figure for 1935. While this is very much lower than for the years 1929-34 it is interesting to note that more work is being undertaken, the result of which should be better living conditions for urban centres.

The estimated expenditures for sewerage projects approved by the Department over the last 10 years are given herewith, for comparison with the trend in water works programmes.

Year	Sewerage Expenditures Approved
1929	$5,974,445 82
1930	9,710,773 05
1931	4,924,151 59
1932	4,698,959 47
1933	2,605,960 48
1934	1,616,808 08
1935	1,104,291 57
1936	875,868 32
1937	769,026 21
1938	1,083,331 57

These expenditures for the year 1938 have been scattered over a number of municipalities, but the total centres doing work of this kind have been relatively small.

One of the large expenditures approved was for the Township of Etobicoke, where a new sewerage system was installed. The sewage will be treated in a plant now operated jointly by New Toronto and Mimico. This tends to keep the treatment for that area confined to one large plant rather than a number of smaller ones. The City of Ottawa was second highest in expenditures. Here the sewerage system has been undergoing some major changes to prevent flooding, and to improve the efficiency in general.

Sewage Treatment.

Changes in the sewage disposal plants of the province have been few. At Kitchener provision was made for the treatment of the sewage at the Doon plant by chemicals during the low flow of the river in the summer. Fortunately the rainfall in 1938 was sufficient to not require this aid. At Scarborough Township a horizontal type vacuum filter was put into operation and has given effective service on undigested activated sludge. The Township of Tisdale has increased the settling capacity of their treatment tanks. York Township has increased its capacity for sludge filtration.

There are now in operation in Ontario 129 sewerage systems for urban communities. The total number of treatment plants is 75. These are classified in Table No. 3.

The methods of sludge disposal are given in Table No. 4.

Developments in Sewage Treatment.

Sewage disposal has been making rapid progress in recent years in the United States where Federal Aid has been made available to municipalities. This has resulted in the construction of a large number of important treatment works, and in these are to be seen noteworthy developments in the methods which have become recognized. Since the conditions and practices followed in Canada are somewhat similar to those in the United States this progress is watched with interest. Plants to be built in this country in the near future will take advantage of these newer procedures.

Trends in sewage treatment continue to point to further mechanization of the process. The activated sludge system has fortified its position where a complete process and a highly treated effluent are required. For conditions in Ontario this method has been quite effective. Low electrical power costs have added to its economy, while the relatively high chemical costs have made precipitation methods less popular here. Recent developments on trickling filters have revived interest in this method, and by materially increasing its capacity has placed it in greater competition with activated sludge for some conditions.

There is in evidence a more favorable attitude towards making use of several methods of treatment in the one plant. New devices and modifications of processes have found application in recent years. Chemicals, filters, shortened aeration and other means are combined to advantage more frequently than was the custom formerly. Economy in obtaining the desired results has been given additional recognition.

Sludge disposal continues to be one of the troublesome problems associated with sewage treatment. More effective and more permanent procedures are indicated as offering an acceptable solution in the immediate future. Digestion of sludge is now in use in a number of plants on this continent. The early difficulties are being solved, and the method offers attractions from the standpoint of economy. Incineration has increased rapidly. It gives promise of wider application in the future. As a sanitary measure it leaves little to be desired.

Dewatering of sludge is now less troublesome. For the smaller plants covered sand drying beds are an effective measure. Mechanical dewatering has been confined chiefly to vacuum filters, with ferric chloride as the conditioner. Elutriation, as practiced at Winnipeg and in different places in the United States has been able to reduce the consumption of chemicals and to produce a dryer cake.

Removal of sludge in the wet state has found an increasing application in Ontario plants. At London it has been removed in closed tank trucks for use as a fertilizer. The costs involved have been reasonable, and possibly lower than for other methods. Since this is done by contract no capital expenditure is involved for the municipality. This has been extended to Guelph, and a somewhat similar practice is followed at Stratford where partial dewatering is carried out.

Operation of Sewage Treatment Plants.

The operation of sewage treatment plants is of increasing importance. This is particularly so in the summer when warm weather combines with low stream flows to intensify conditions. There must be due recognition of the necessity for careful operation of these works. Without trained and conscientious operators this objective will fall short. Greater emphasis must be placed on the training of personnel.

The staff of the Division has devoted a good deal of attention during the year to the supervision of sewage works, and to assisting those in charge. The critical periods occur in the summer, but by the use of various aids these have been met successfully during the year.

Grand River Conservation Scheme.

The wide variations in flow in the Grand River have intensified the problems of flood control and sewage disposal. A forward step in the regulation of this situation was taken during the year. Legislation was passed setting up a commission to proceed with a conservation project. A consulting engineer was appointed to prepare the necessary plans, and to inaugurate the work at an early date. The project will involve the construction of dams which will act both for flood control and for the storage of water which can be released in the dry periods. This additional dilution of sewage effluents from the urban centres on the river will prove a most useful aid, and will result in marked economies in sewage treatment. The construction programme should be well under way in 1939.

Milk Control.

An important step was taken during the year in milk control. Legislation was passed for the compulsory pasteurization of milk in all cities or towns, and such other areas as might be designated at any time by Order-in-Council. This is an amendment to Section 95 of the *Public Health Act*. This Act, as well as regulations made pursuant to it, came into effect on October 1st, 1938. This included 27 cities and 149 towns. At the same time the areas around most of the cities and some towns were brought under the Act.

On December 31st, 1938, a further group of 37 villages were designated for compulsory pasteurization. At the end of the year this legislation had been applied to all cities, towns, villages over 1,000 population, a number of smaller villages, and to the whole or parts of 58 townships.

When the legislation was enacted there were approximately 550 pasteurizing plants in operation in the province. At the end of the year this number had risen to well over 700.

The regulations adopted under this legislation, set up minimum standards for all pasteurizing plants. There is a requirement that each plant must have a certificate of approval from the Department. This can be granted only when the provincial standards are met. The inspection of these dairies has meant a very substantial increase in the work of the Division. Until the plants are up to the minimum requirements this extra work will continue. It has been carried on in conjunction with other field activities, and by temporarily keeping other work at a minimum the inspection has progressed at a substantial rate. The necessity for uniform standards in plants and in equipment has been made evident repeatedly. This leads not only to greater factors of safety but to a higher standard of milk for human consumption.

The areas included under the Act on October 1st are shown in Table No. 5. Those listed in the Order-in-Council for December 31st are given in Table No. 6. In addition to these all towns and cities were included in the Act itself.

A new pamphlet entitled "Safe Milk for Rural Communities" was published during the year. It is designed to give advice on pasteurization for rural dwellers.

Refuse Collection and Disposal.

In the sanitary problems which cause concern to municipalities, that of the collection and disposal of refuse ranks high among these difficulties. Complaints continue to reach the Department about odors and other objectionable features of refuse dumps. As time goes on the difficulty of securing suitable sites becomes more involved. Incineration has been in use in a relatively few centres. The cost of this is not out of proportion, and the many advantages it offers should induce a greater utilization of the process. The approval of refuse dumping sites does not come under the jurisdiction of the Department; but is a responsibility of the municipal authorities.

Recreational Sanitation.

Sanitation in the recreational areas of this province is ever important. The motor tourist traffic and the extensive use of summer areas have grown to occupy a conspicuous position, and an activity involving large expenditures. These include highway tourist camps, private lodging houses, refreshment services, summer camps of various kinds, hotels, and private cottages in the lakeland areas.

Supervision of motor tourist camps and highway refreshment services has been left to the local medical officers of health as in the previous year. Report forms are sent out upon which information is returned to the Department. A certificate form for use of the local health officer has been prepared by the Department. This will give recognition to those which meet the minimum standards adopted by the Department. Returns submitted to the Department in 1938 include 308 tourist camps and 413 refreshment booths.

The lakeland regions of the province offer a special problem in sanitation. These areas are the mecca of great crowds during the summer. They are accommodated in private cottages, boarding houses and hotels. The protection of the water supply, the proper disposal of sewage and wastes, and the supervision of food supplies are all matters of major concern. The larger places are now almost all using chlorination where surface waters are employed. Regular inspection of these places has been carried on by the Division. While the period is relatively short a good deal of attention is required to ensure proper protection for the vacationists. The services of the Department have been available to the operators of fresh air camps and summer places at all times. Since there is no legislation for licensing or otherwise controlling these services compliance with standards is purely voluntary.

Complaints.

The number of requests for assistance, with respect to complaints, continues to require a substantial amount of time of the staff. These come chiefly from health officers, municipal officials, and the public. The majority of these concern matters which require technical direction. A variety of subjects are included. These reached a total of over 175 in 1938.

Some of the more troublesome matters giving rise to complaints concern milk wastes, cannery wastes, odors, refuse, drainage, noise, and various industrial wastes. Milk wastes have proven very troublesome where they must be discharged into watercourses almost dry in the summer. The amount involved is frequently too small to merit the cost of trickling filters, chemical precipitation processes or similar devices. Use has been made of settling tanks and subsurface field tiles. Where suitable soil is available a good measure of success has been obtained.

Canning factory wastes and those from other industrial plants have caused many difficulties. These wastes are high in organic content and putrefaction soon sets up. The cost of filtration plants for such short seasons is usually too expensive. The application of the liquids, after screening, to land has offered a good chance of success.

Eastern Ontario Health Unit.

Work in the Eastern Ontario Health Unit has continued. Mr. G. A. H. Burn has been stationed at Alexandria and has continued to do effective work in sanitation throughout the entire eastern part of the province. His report on the year's activity appears on page 95 of this Report.

Attached is a list of the water works and sewerage certificates issued during the year.

SUMMARY

Re Waterworks:	Estimated Cost
Extensions to existing systems	$ 442,720 23
Purification of water supplies	140,500 00
New Systems	....
Total	$ 583,220 23
Re Sewerage:	
Extensions to existing systems	$1,053,223 91
Treatment works	23,245 12
New Sewerage systems	6,862 54
Total	$1,083,331 57
The total number of applications favorably reported upon re Waterworks and Sewerage for the year was 214 and involves an estimated expenditure of	$1,666,551 80

CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1938

MUNICIPALITY	No. of Certificates	Sewer Extensions	Disposal	New
Belleville	1	$ 1,100 00	$	$
Brantford	1	1,177 50		
Brockville	1	2,279 00		
Chatham	2	5,951 50		
Cornwall	1	615 00		
Cornwall Township	2	7,725 00		
Dymond Township	1	6,370 00		
Elmira	1	512 52		
Etobicoke Township	4	282,137 46		6,862 54
Forest Hill Village	4	26,455 00		
Fort William	3	33,180 00		
Galt	2	2,175 00		
Hamilton	5	27,969 00		
Hanover	1	8,600 00		
Kingston	3	1,196 20		
Kitchener	4	11,732 38	1,500 00	
Leaside	3	66,271 03		
London	5	12,299 14		
Ottawa	23	229,478 00		
Peterborough	3	2,064 70		
Port Arthur	1	4,025 00		
Preston	1	830 30		
Rockcliffe Park	3	18,767 93		
St. Catharines	1	3,382 00		
Sarnia	2	14,558 28		
Scarborough Township	4	9,678 32	6,942 12	
Stamford Township	2	1,530 46		
Sudbury	3	33,869 91		
Swansea	4	37,371 00		
Teck Township	3	23,805 50		
Timmins	4	54,829 95		
Tisdale Township	3	21,920 70	14,803 00	
Toronto	10	46,435 00		
Tweed	1	1,350 00		
Westminster Township	3	4,736 62		
Whitby	1	651 30		
Woodstock	2	3,543 20		
York Township	2	1,180 00		
York East Township	3	9,240 00		
York North Township	4	32,230 00		
Total	126	$1,053,223 91	$ 23,245 12	$ 6,862 54

CERTIFICATES ISSUED RE WATERMAIN EXTENSIONS, PURIFICATION, ETC., FOR THE YEAR 1938

Municipality	No. of Certificates Issued	Watermain Extensions	Supply and Purification	New Systems
Ancaster Township	3	$ 4,659 00	$......	$......
Anderdon Township	1	1,520 00	......	......
Barton Township	3	27,445 00	......	......
Bowmanville	1	20,000 00	......	......
Chatham	1	500 00	......	......
Cornwall	2	5,095 00	......	......
Cornwall Township	2	6,370 00	......	......
Etobicoke Township	2	2,885 00	......	......
Ferris West Township	1	......	17,500 00	......
Fort William	4	8,185 97	......	......
Galt	2	2,440 16	......	......
Grimsby North Township	1	18,000 00	......	......
Hamilton	3	37,231 00	......	......
Kitchener	1	1,184 00	......	......
Lambeth	1	195 00	......	......
Leaside	2	19,763 39	......	......
New Liskeard	1	17,575 00	......	......
Newmarket	1	17,000 00	......	......
Niagara Falls	1	1,145 00	......	......
Orillia	1	4,750 00	......	......
Oshawa	1	11,243 64	......	......
Ottawa	1	40,000 00	......	......
Oxford East Township	1	500 00	......	......
Port Arthur	1	3,392 00	......	......
Port Hope	1	......	20,000 00	......
Sarnia	2	3,000 00	......	......
Scarborough Township	3	4,848 00	45,000 00	......
Shelburne	1	......	4,500 00	......
Stamford Township	2	3,893 55	......	......
Sudbury	3	21,736 35	......	......
Teck Township	3	28,523 00	......	......
Timmins	2	20,119 80	......	......
Tisdale Township	1	10,326 44	......	......
Toronto	5	38,044 38	......	......
Tweed	1	1,150 00	......	......
Westminster Township	3	7,568 00	......	......
Woodstock	1	......	35,000 00	......
York Township	13	29,091 00	......	......
York East Township	1	6,854 25	......	......
York North Township	7	15,586 30	18,500 00	......
Zurich	1	900 00	......	......
Total	88	$ 442,720 23	$ 140,500 00	......

TABLE No. 1

WATER FILTRATION PLANTS IN ONTARIO

(a) Mechanical, Pressure Type

MUNICIPALITY	Source of Supply	Approximate Population Served	Number of Units	Date of First Installation
Arnprior	Madawaska R	4,200	3	1900
Belle River	L. St. Clair	1,150	2	1926
Cardinal	St. Lawrence R	1,400	2	1898
Chatham	Thames R	17,500	8	1895
Chippawa	Welland R	1,195	1	1924
Cobourg	L. Ontario	6,100	5	1913
Crystal Beach	L. Erie	8,000	3	1925
Grimsby	L. Ontario	2,500	3	1293
Haileybury	L. Temiskaming	2,720	5	1911
Kapuskasing	Kapuskasing R	3,350	2	1928
Kingsville	L. Erie	2,226	3	1926
Lindsay	Scugog R	7,167	5	1917
Merritton	Welland Canal	2,800	4	1927
Napanee	Napanee R	3,100	3	1930
New Toronto	L. Ontario	18,786	18	1927
Niagara	Niagara R	1,800	3	1917
Orillia	L. Couchiching	8,664	5	1915
Perth	Tay R	4,215	2	1918
Picton	Bay of Quinte	3,300	2	1928
Port Colborne	Welland Canal (L. Erie)	11,010	4	1924
Port Stanley	L. Erie (Winter)	700	2	1935
	(Summer)	5,000		
Renfrew	Bonnechere R	5,360	6	1897
Sturgeon Falls	Sturgeon R	4,300	3	1931
Swastika	Blanche R	400	1	1928
Tecumseh	Detroit R	3,200	3	1918
Thornbury	Beaver R	500	6	1923
Thorold	Welland Canal	5,100	4	1927
Thorold Township	Welland Canal	1,500	2	1928
Tilbury	L. St. Clair	2,000	2	1931
Wallaceburg	Snye R. (St. Clair R.)	4,915	2	1914
Wheatley	L. Erie	950	1	1929

Total Number of Plants—31.

(b) Mechanical, Gravity Type

MUNICIPALITY	Source of Supply	Approximate Population Served	Number of Units	Date of First Installation
Amherstburg	Detroit R.	3,200	4	1918
Belleville	Bay of Quinte	15,000	4	1931
Brantford	Grand R.	32,212	6	1931
Burlington	L. Ontario	4,900	3	1936
Dundas	Creek	5,000	2	1917
Dunnville	Grand R.	3,605	3	1922
Hamilton	L. Ontario	159,020	12	1933
Hawkesbury	Ottawa R.	5,600	4	1919
Huntsville	Hunter's Bay	2,750	2	1932
Iroquois Falls	Abitibi R.	4,976	4	1925
Niagara Falls	Niagara R.	24,527	8	1931
North York Township	Don R.	10,000	3	1923
Oshawa	L. Ontario	26,120	8	1917
Ottawa	Ottawa R.	155,000	10	1932
Peterborough	Otonabee R.	23,473	6	1922
Richmond Hill	Spring Creek	1,374	3	1921
St. Catharines	Welland Canal	30,000	6	1926
St. Thomas	Kettle Creek	17,500	4	1890
Scarborough Twp.	L. Ontario	5,200	4	1921
Smith's Falls	Rideau R.	7,000	3	1924
Toronto	L. Ontario	700,000	10	1918
(New Plant Under Construction)				
Welland	Welland Canal	16,000	4	1927
Windsor	Detroit R.	109,000	10	1926

Total Number of Plants—23.

(c) Slow Sand Filtration Plants

MUNICIPALITY	Source of Supply	Population Served	Date Constructed
Kincardine	L. Huron	2,036	1922
Owen Sound	Sydenham R.	11,935	1919
Port Credit	L. Ontario	1,225	1922
Port Hope	L. Ontario	4,344	1915
Toronto	L. Ontario	700,000	1912
Whitby	L. Ontario	4,360	1922

TABLE No. 3

MUNICIPAL SEWAGE TREATMENT PLANTS

Municipality	Population Served	Date Built	Type of Treatment
Alliston	1,350	1929	Activated Sludge
Almonte	2,350	1931	Sedimentation Tank
Aurora	2,600	1932	Activated Sludge
Barrie	3,000	1908	Sedimentation Tank
Blind River	2,800	1928	Sedimentation Tank
Bowmanville	3,550	1913	Imhoff and Sprinkling Filters
Brampton	4,500	1906	Activated Sludge
Burlington	3,400	1915	Imhoff and Sprinkling Filters
Capreol	1,500	1929	Sedimentation Tank
Cardinal	1,300	1933	Sedimentation Tank
Carleton Place	4,250	1912	Sedimentation Tank
Chippawa	1,100	1924	Sedimentation Tank
Cochrane	3,000	1924	Activated Sludge
Collingwood	6,250	1905	Sedimentation Tank
Coniston	2,000	....	Sedimentation Tank
Crowland Township	1,500	1931	Activated Sludge
Crystal Beach	6,000	1925	Activated Sludge
Dundas	5,000	1914	Imhoff and Sprinkling Filters
East York Township—			
(a) Danforth Park	12,000	1927	Activated Sludge
(b) Todmorden, Greenwood	10,000	1926	Activated Sludge
Elmira	3,000	1924	Sedimentation Tank
Falkenbridge	300	1934	Sedimentation and Sprinkling Filter
Fergus	2,300	1932	Sedimentation Tank
Fort Erie	6,000	....	Sedimentation Tank
Fort William (part of City)	....	1932	Sedimentation Tank
Galt	1,400	1904	Sedimentation Tank
Grimsby	2,000	1930	Activated Sludge
Guelph	21,000	1909 & 22	Activated Sludge
Haileybury	2,850	1906	Sedimentation Tank
Hamilton	153,500	1928	Screens (Other treatment earlier)
Hanover	3,000	1934	Sedimentation Tank
Iroquois Falls	1,500	1918	Sedimentation Tank
Kingsville	2,400	1927	Sedimentation Tank and Chlorination
Kirkland Lake	22,000	1924	Sedimentation Tank
Kitchener—			
(a) Spring Valley	7,400	1925	Activated Sludge
(b) Doon	25,400	1931	Sedimentation Tanks
London—			
(a) East End	6,000	1916	Imhoff and Sprinkling Filters
(b) South End	5,000	1925	Activated Sludge
(c) West End	60,000	1926	Activated Sludge
Long Branch	3,800	1925	Activated Sludge
Napanee	3,000	1912	Imhoff Tank
New Liskeard	3,000	1910	Sedimentation Tank
New Toronto and Mimico	14,000	1913 and 1932	Activated Sludge
Nipigon	300	....	Sedimentation Tank
North Bay	16,000	1925	Sedimentation Tank
North York Township	1,000	1929	Activated Sludge

MUNICIPAL SEWAGE TREATMENT PLANTS—Continued

Municipality	Population Served	Date Built	Type of Treatment
Oakville	3,300	1910	Sedimentation Tanks
Orangeville	2,700	1929	Activated Sludge
Oshawa	23,000	1910	Sedimentation Tank
Palmerston	1,800	1928	Activated Sludge
Peterborough	23,000	1926	Activated Sludge
Port Colborne—			
(a) East Side	5,400	1928	Activated Sludge
(b) West Side	5,400	1928	Activated Sludge
Preston	5,700	1906	Interm. Sand Filters
Rainy River	1,400	1909	Sedimentation Tank
Riverside	3,000	1925	Activated Sludge
St. Thomas	16,000	1924	Activated Sludge
Scarborough Township	6,500	1928	Activated Sludge
Simcoe	4,500	1914	Interm. Sand Filters
Stamford Township	6,500	1929	Sedimentation Tank
Stratford	18,000	1923	Activated Sludge
Sudbury	18,000	1931	Fine Screens and Incineration
Swansea	5,500	1929	Activated Sludge
Tillsonburg	3,400	1913	Sedimentation Tank
Timmins	5,500	1921	Activated Sludge
Toronto—			
(a) North Toronto	60,000	1929	Activated Sludge
(b) Morley Ave	570,000	1911	Sedimentation Tanks
Trenton	6,350	1910	Sedimentation Tank
Tweed	1,350	1929	Sedimentation Tank
Waterloo	7.450	1906	Interm. Sand Filters
Weston	4,150	1913	Sprinkling Filters
Whitby	5.200	1914	Imhoff and Sprinkling Filters
Wiarton	1,950	1906	Sedimentation Tanks
Wingham	2,300	1910	Sedimentation Tanks
Woodstock	11,000	1921	Activated Sludge
York Township	60,000	1925	Activated Sludge

Total Number of Plants—75.

TABLE No. 4

METHODS OF SLUDGE DISPOSAL

(*a*) *Municipalities Using Tank Removal or Open Drying Beds:*

Alliston, Barrie, Blind River, Bowmanville, Burlington, Capreol, Cardinal, Carleton Place, Chippewa, Cochrane, Collingwood, Coniston, Crowland Township, Crystal Beach, Dundas, Elmira, Falkenridge, Fort Erie, Galt, Guelph, Haileybury, Hanover, Iroquois Falls Kingsville, Kirkland Lake, Kitchener (Spring Street), London (East End and South End), Napanee, New Liskeard, North York Township, Oakville, Orillia, Oshawa, Palmerston, Preston, Riverside, St. Thomas, Simcoe, Stamford Township, Stratford, Tillsonburg, Timmins, Trenton, Tweed, Waterloo, Weston, Whitby, Wiarton, Wingham.

Total number—51.

(*b*) *Municipalities Using Separate Digestion:*

Brampton, Danforth Park, Todmorden, Greenwood, Fort William, Kitchener (Spring Street and Doon), New Toronto-Mimico, North York Township, Orangeville, Port Colborne (East Side and West Side), Swansea, North Toronto, Waterloo.

Total number—14.

(*c*) *Municipalities Using Vacuum Filtration:*

Long Branch, Scarborough Township, York Township.

Total number—3.

(*d*) *Municipalities Using Glass-covered Drying Beds:*

Aurora, Danforth Park, Todmorden-Greenwood, Kitchener (Doon), New Toronto-Mimico, Orangeville, Port Colborne (East and West Sides), Swansea, North Toronto, Woodstock.

Total number —11.

TABLE No. 5

AREAS DESIGNATED FOR MILK PASTEURIZATION

Under Section 95a of The Public Health Act.

ORDER-IN-COUNCIL

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 24th day of June, A.D., 1938.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that pursuant to Section 95a of *The Public Health Act*, as enacted by *The Public Health Amendment Act, 1938*, the said section 95a of *The Public Health Act* be made applicable to the municipalities and areas set forth in the memorandum hereto attached, and that this Order shall come into force on *October the first, 1938.*

Certified,

C. F. Bulmer,
Clerk, Executive Council.

AREAS DESIGNATED FOR MILK PASTEURIZATION

Under Section 95a of The Public Health Act

Section 95 (*a*) of The Public Health Act Shall Apply to the Following Municipalities and Areas:

1. *In the Vicinity of the City of Toronto—York County:*

York Township, East York Township, North York Township, Scarborough Township, Etobicoke Township, Swansea, Forest Hill, Long Branch, Port Credit and Richmond Hill.

2. *In the Vicinity of the City of Hamilton—Wentworth County:*

That part of Barton Township between Burlington Bay and south to and including the road between concessions 4 and 5 (Mohawk Trail), and also Hamilton Beach. Saltfleet Township between the Western Boundary, Burlington Bay and Lake Ontario, East to the road between Lots 28 and 29 and South to the Niagara escarpment. East Flamboro Township between Burlington Bay and the Canadian National Railway tracks.

3. *In the Vicinity of the City of Ottawa—Carleton County:*

That part of Nepean Township between the Ottawa River and the Base Line road extended through Bell Corners and City View to the road between Concessions A and B and then south to the road between Lots 30 and 31, then east to the Rideau River; and that part of Gloucester Township bounded by the Ottawa River on the north; the Rideau River on the west; on the south by the Walkley Road (between Concessions 3 and 4) and on the east by the road between Lots 15 and 16 through Blackburn station to the Ottawa River; and the Village of Rockcliffe Park.

4. *In the Vicinity of the City of Windsor—Essex County:*

The Townships of Sandwich East and Sandwich West.

5. *In the Vicinity of the City of London—Middlesex County:*

The south-east corner of London Township bounded on the west by the road between Lots 20 and 21 and on the north by the road between Concessions 3 and 4. The north-east corner of Westminster Township bounded on the west by the road between Lots 36 and 37; and on the south by the road between Concessions 2 and 3, together with Byron Village and Springbank Park in the Township of Westminster.

6. *In the Vicinity of the City of Brantford—Brant County:*

The area in Brantford Township bounded on the north by the road between Concessions 2 and 3 extending from the Grand River to Fairchild Creek; on the west by the Grand River and the City of Brantford; on the south by the Grand River and a line parallel to and 180 feet south of the Brantford-Hamilton Highway; and on the east by Fairchild Creek.

7. *In the vicinity of the City of St. Catharines—Lincoln County:*

All of the Township of Grantham west of the New Welland Ship Canal, including Port Dalhousie.

8. *In the vicinity of the City of Fort William—District of Thunder Bay:*

The Township of Neebing.

9. *In the vicinity of the City of Kingston—Frontenac County:*

That part of the Township of Pittsburg lying south of the road between Concessions 4 and 5; and that part of the Township of Kingston lying south of the road between Concessions 3 and 4.

10. *In the vicinity of the City of Oshawa—Ontario County:*

The area in the Township of Whitby East, lying south of the road between Concessions 4 and 5.

11. *In the vicinity of the City of Sault Ste. Marie—District of Algoma:*

The Township of Korah and Tarentorus.

12. *In the vicinity of the City of Peterborough—Peterborough County:*

The area in the Township of North Monaghan bounded by the City of Peterborough, the Otonabee River, Cameron St., Western Ave., and Provincial Highway No. 28; and the area in the Township of Smith immediately north of the City of Peterborough and bounded by the following streets: Wolsely, Stewart, Bellevue, Bernardo and McLennan.

13. *In the vicinity of the City of Port Arthur—District of Thunder Bay:*

Township of McIntyre.

14. *In the vicinity of the City of Sudbury—District of Sudbury:*

The Townships of McKim, Neelon, Garson, Falconbridge, Dryden, Snider and Creighton.

15. *In the vicinity of the City of Niagara Falls—Welland County:*

The Village of Chippawa, and that part of Stamford Township east of the Montrose road extended to the northern boundary of the Township.

16. *In the vicinity of the City of Sarnia—Lambton County:*

The Village of Point Edward.

17. *In the vicinity of the City of North Bay—District of Nipissing:*

West Ferris Township and Widdifield Township.

18. *In the vicinity of the City of St. Thomas—Elgin County:*

The area described as follows: Commencing at a point on the centre line of the road south of the 6th Concession of Yarmouth where it is intersected by the centre line of the side-road between Lots 7 and 8; thence northerly along the centre line of the said side-road between Lots 7 and 8 to where it is intersected by the centre line of the road south of the 8th concession; thence easterly on the centre line of the said road to the line between Lots 8 and 9; thence northerly thereon to the centre line of the road lying south of the first Range south of the Edgeware Road; thence easterly along the said centre line to where it is intersected by the line between Lots 7 and 8 in the first Range south Edgeware Road; thence northerly to the centre line of the unopened portion of Edgeware Road; thence westerly thereon to the intersection of the Edgeware Road and the Bostwick line in the Township of Southwold; thence northwesterly along the said Bostwick line to its intersection with the line between Lots A and B; thence south-westerly along the said line between Lots A and B and its south-westerly projection to the point where it is intersected by the north-westerly projection of the centre line of the road between Lots 42 and 43; thence southeasterly along the centre line of the said road and its south-easterly projection to the centre line of Kettle Creek; thence southerly thereon following the several courses and windings thereof to where the centre line of the said creek is intersected by the centre line of the road lying south of the 6th concession of Yarmouth produced westerly; then easterly on the centre line of the said road to the place of beginning.

19. *In the vicinity of the City of Chatham—Kent County:*

The area in Chatham Township bounded by the road between Concessions 2 and 3, the road between Lots 6 and 7, the Thames River and the Township boundary; also the area in Dover East Township bounded by the road between Concessions 2 and 3, the Township boundary, the Thames River and the road between Lots 19 and 20; also the area in Harwich Township bounded by the Thames River, the road between Lots 6 and 7, the road between Concessions 4 and 5 and the City limits; also the area in Raleigh Township between the Thames River and the road between Concessions 6 and 7.

20. *In the vicinity of the City of Belleville—Hastings County:*

The south-east corner of Sidney Township bounded on the west by the road between Lots 30 and 31 and on the north by the road between Concessions 2 and 3; and the south-west corner of Thurlow Township bounded on the north by the road between Concessions 2 and 3, and on the east by the road between Lots 12 and 13.

21. *In the vicinity of the City of Galt—Waterloo County:*

The area in the Township of North Dumfries lying north of the road between Concessions 9 and 10 and east of the line between Lots 13 and 14 in Concessions 10 and 11 and the line between Lots 16 and 17 in Concession 12.

22. *In the vicinity of the City of Welland—Welland County:*

The south-west corner of Crowland Township bounded on the north by the road between Concessions 3 and 4 and on the east by the road between Lots 20 and 21.

23. *In the vicinity of the Town of Amherstburg—Essex County:*

Bob-Lo Island.

24. *In the vicinity of the Town of Burlington—Halton County:*

Burlington Beach.

25. *In the vicinity of the Town of Cobalt—District of Temiskaming:*

The Township of Coleman.

26. *In the vicinity of the Town of Cornwall—Stormont County:*

That part of Cornwall Township south of the road between Concessions 4 and 5.

27. *In the vicinty of the Town of Fort Erie—Welland County:*

Bertie Township between the Niagara River and the line between Concessions 2 and 3.

28. *In the vicinity of the Town of Fort Frances—District of Rainy River:*

The Township of McIrvine.

29. *In the vicinity of the Town of Iroquois Falls—District of Cochrane:*

The Township of Calvert.

30. *In the vicinity of the Town of Kenora—District of Kenora:*

The Township of Jaffray.

31. *In the vicinity of the Town of Orillia—Simcoe County:*

The Township of Orillia.

32. *In the vicinity oj the Town of Port Colborne—Welland County:*

The Village of Humberstone.

33. *In the vicinity of the Town of Thornbury—Grey County:*

That part of Collingwood Township north of the line between Lots 27 and 28.

34. *In the vicinity of the Town of Timmins—District of Cochrane:*

The Townships of Tisdale, Mountjoy and Whitney.

And the Villages of:

1. Beeton
2. Bobcaygeon.
3. Watford.
4. Bolton
5. Woodbridge.
6. Sutton.

TABLE No. 6

AREAS DESIGNATED FOR MILK PASTEURIZATION

Under Section 95a of The Public Health Act.

ORDER-IN-COUNCIL

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 24th day of June, A.D., 1938.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to Section 95a of The Public Health Act, as enacted by The Public Health Amendment Act, 1938, the said Section 95a of The Public Health Act be made applicable to the villages set forth in the memorandum hereto attached, and that this Order shall come into force on December the 31st, 1938.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

SECTION 95 (a) OF THE PUBLIC HEALTH ACT SHALL APPLY TO THE FOLLOWING VILLAGES:

Acton
Arthur
Barry's Bay
Beamsville
Brighton
Caledonia
Cardinal
Chesterville
Delhi
Eganville
Elora
Exeter
Fenelon Falls
Fergus
Hagersville
Havelock
Iroquois
Kemptville
Lakefield
Lucknow
Madoc
Markham
Milverton
Morrisburg
New Hamburg
Norwich
Port Credit
Port Dover
Port Elgin
Port Perry
Shelburne
Stouffville
Tavistock
Tweed
Victoria Harbour
Waterford
Winchester

DIVISION OF NURSE REGISTRATION

Alexandra M. Munn, Reg. N., *Director*

The Inspector of Training Schools for Nurses reports that during the past year visits of inspection were paid the fifty-four schools.

A general improvement over the previous year was noted in health programmes for students. Regulations relating to Tuberculosis prevention are being carefully observed and immunization work satisfactorily done.

Hours of duty by day and night are receiving special attention and Superintendents of Nurses are keenly alive to the need for improvement. Some progress has been made and there is reason to believe that there will be a definite and encouraging report by another year on the observance of a fifty-eight hour week.

The preliminary education of student nurses has been carefully checked. It has been encouraging to observe a definite improvement in the educational preparation of student nurses and the co-operation of Superintendents of Nurses in an attempt to raise the educational standard for entry to training is greatly appreciated.

Attention has been given to Obstetrical Departments in all hospitals and special note has been made of equipment and established routines.

Isolation technique was observed in some centres.

Conferences with head nurses and supervisors have been held in twenty-eight schools. Assistance in collecting material for these conferences has been given by the staff of the School of Nursing of the University of Toronto.

Talks to groups of student nurses on health and kindred subjects were given in ten schools.

Affiliations.

New affiliations established are as follows:

Pediatrical Nursing —General and Marine Hospital, Owen Sound,
General Hospital, Sarnia,
(3 months—Children's Hospital, Detroit, Mich.)

Tuberculosis Nursing —General Hospital, Woodstock,
East General, Toronto,
Wellesley Hospital, Toronto,
(Elective—Toronto Hospital, Weston—3 months.)

Psychiatric Nursing —General and Marine Hospital, Owen Sound,
General Hospital, Woodstock,
Wellesley Hospital, Toronto,
(Elective—3 months).

Mental Training Schools.

The Supervisor of Nursing in the Provincial Hospitals reports that in order to meet the need for more nurses with psychiatric training the student enrolment in the Provincial Hospital Schools of Nursing has been increased. One hundred and thirty-nine students were accepted into these schools on completion of the preliminary term. With the same purpose the Ontario Hospital, London, instituted a three months' post graduate course in April comparable to the affiliate course given there. Twenty-seven nurses completed the course last year.

Eight of the first class of twelve men who entered the Ontario Hospital School of Nursing, Whitby, completed the first year and are affiliating for one year at the Toronto General Hospital. The second class of twelve men was admitted to the School in September, 1938.

Attendance at Dominion and Provincial Meetings.

The Director attended the Annual Meeting of the Registered Nurses' Association held in Kingston during Easter Week.

The Inspector of Training Schools attended the Meeting of the Canadian Nurses' Association which was held in Halifax, Nova Scotia, in July. This meeting was of special interest for the reason that the question of the establishment of a Dominion-wide registration for nurses came up for special discussion.

Discontinued Training Schools.

Training Schools for Nurses in two centres graduated their last classes in 1938, namely, those in connection with Homewood Sanitarium, Guelph, and the Public General Hospital, Smith's Falls.

Council of Nurse Education—Meetings.

During the year nine meetings of Council were held. Routine business in connection with Provincial Examinations was covered.

Negotiations which have been under way with the General Nursing Council for England and Wales for reciprocal registration were satisfactorily completed.

Applications for a similar arrangement have been received from Newfoundland and New Zealand. The Council advised that it would be necessary for the Inspector of Training Schools for Nurses to report on training conditions in Newfoundland before a decision could be reached and recommended that consideration of the application from New Zealand be deferred for a period of one year.

Following the consideration of a special report on educational requirements for entry to training schools, which was presented by the Inspector of Training Schools at the December meeting of the Council of Nurse Education, it was recommended to the Hon. the Minister of Health that the enforcement of the Regulation requiring twelve Middle School papers by July 1, 1939, be deferred until October 1, 1940.

This recommendation was approved by Lieutenant-Governor-in-Council and the Superintendents of Training Schools notified to this effect.

Amendment to the Nurse Registration Act.

An amendment to the Nurse Registration Act was passed at the last Session of Parliament which makes it unlawful for any hospital or organization to conduct a training school for nurses without authorization in writing from the Hon.

the Minister of Health. Following the passing of this amendment and arising out of certain recommendations made to the Minister by the Council of Nurse Education a Special Committee, composed of representatives of the Registered Nurses' Association of Ontario and the Council of Nurse Education, was called to consider the advisability of offering a course of training for practical nurses. One meeting of this Committee has been held to consider tentative plans.

History of Nursing Slides.

History of Nursing Slides, which were purchased in 1938 for loan to the training schools for nurses, have been kept in constant circulation over the past four months. These have been shown in six schools and the service is greatly appreciated by Hospital Superintendents and Instructors.

STATEMENT OF REGISTRANTS

Total number registered, 1938	1,255
Total number taking examinations, 1938	1,279
Total number registered since 1923	22,783

STATEMENT OF REVENUE

Registration Fees	$ 5,970 00
Re-Registration Fees	14,502 00
Training School Records	96 75
Examination Fees	5,797 00
Miscellaneous	34 91
	$ 26,400 66

HEALTH EDUCATION

Mary Power, B.A.

I. Public Health Education.

The Department's publication on the care of the child from birth to six years, "The Baby," has been in demand this year to the extent of 34,000 copies. Literature on specific subjects is prepared and distributed through the respective divisions. Information on general health topics has been requested during the year by numerous organizations and by individuals. The policy of the Department is to build up the work of the local health authorities. To this end, requests are acknowledged and then transferred to the local Medical Officer of Health, who thus has an opportunity to learn the nature and extent of the demand for help in health education as expressed in his community, whether it be by lay organizations, teachers, or individual requests. The Department supplies material in the quantity required, either direct to the inquirer or through the local health officer, according to the wishes of the latter. This policy is sound and proving satisfactory to the local health authorities.

Invitations to address meetings and groups have been accepted throughout the year, and articles for professional journals have been prepared upon request. An exhibit was displayed at the International Ploughing Match which was held this year near Barrie. Enterprises which were worked out in fifty rural schools of York Inspectorate No. 1 were assembled at the Summer Course in Health Education and later set up in the education section of the Canadian National Exhibition. These materials were illustrative of the health aspects of various activities and studies in all grades of the elementary school.

II. School Health Education.

The main item to report under this heading is the completion of "Health—A Handbook of Suggestions for Teachers in Public and Separate Schools." This was printed as a joint effort. The Department of Education met the cost of the printing, and the Department of Health supplied the stock for the inside and the cover. This arrangement made it possible to supply a copy to each classroom in the elementary schools of the Province, without charge to the local boards or the teachers, through the inspector of schools.

The Handbook was an assignment which has been in course of preparation since the need for such an aid was expressed by the teachers in the Demonstration during the school year 1931-32. The content of the Handbook is the result of seven years' experimental work and is based on actual classroom experience. The experiment was outlined in Appendix A of the Annual Report of the Department last year.

In order to provide for distribution to interested parties other than the teachers in the elementary schools of Ontario, arrangements were made with the publishers (Ryerson Press, Toronto), for a commercial edition which might be available to parents, health workers, and others in Ontario, as well as to health and educational officials outside the Province.

The content of the Handbook is designed to give to the teacher a general insight into the place of health in education; the gradation of the material to be presented as the child progresses in his growth and development; a limited amount of technical knowledge; and an outline of statutory requirements and clinical symptoms relating to the commoner communicable diseases.

The service to teachers was confined, during the school year 1937-38, to a loan service of teachers' references; the distribution of suitable health literature as it was issued by official, voluntary or commercial agencies; and the Open House or personal consultation service on Saturday morning in the office, Room 5602, Parliament Buildings. These services were given to teachers who had attended the Summer course since its inception in 1933.

Since September, 1938, when all teachers were given a copy of the Handbook, we have prepared budgets for teachers in the elementary school and teachers in the high school. These budgets are sent to teachers who have not taken the Summer Course in Health Education but who have requested help in the teaching of health in their specific grade. To the end of the year this service amounted to a total of one hundred for high schools and fifty to elementary schools, exclusive of nine hundred budgets which have gone forward to the teachers who have taken the Summer Course.

During the year visits were made by members of the staff to a limited number of inspectors and teachers as follow-up visits connected with the course. This entailed one hundred visits.

III. Summer Course in Health Education.

The Session of the Summer Course in Health Education was held from July 3rd to August 4th, with an attendance of 303 teachers representing 101 inspectorates in the Province. Each student was offered a tuberculin test, with an X-ray of the chest following a positive reaction, by the staff of the Division of Tuberculosis Control. This service was given without charge. Provision was made for a complete physical examination by physicians who were not members of the staff, for which service a nominal fee was charged. Nursing service was provided throughout the entire course.

A new feature was added this year when a Demonstration School with instruction in grades I to VIII, was provided as a practical part of teacher-training. The teachers were not asked to give practice lessons but were provided with opportunities to observe the organization of a school so planned as to integrate health into all activities of the school day—in the classroom, on the playground, and in the cafeteria. No fees were charged the children. Through co-operation of the Board of Education and the Separate School Board of the City of Toronto applications were forwarded from the parents of children in attendance at the various schools in the neighborhood of the Northern Vocational School. The daily attendance averaged from 82 to 85 throughout the duration of the Demonstration School, July 4th to July 29th.

IV. Ontario Health Officers' Association.

The 24th Annual Conference of the Ontario Health Officers' Association was held in Toronto at the Royal York Hotel, June 1, 2, 3. The meeting was very ably handled under the presidency of Dr. W. H. Birks, Medical Officer of Health, Bowmanville.

The Conference was most successful on the score of attendance and interest in the proceedings. The registration reached 432, and included local health administrators from all parts of Ontario. The conference afforded an opportunity to the members of meeting for the first time the Honourable Harold J.

Kirby, K.C., since his assumption of office as Minister of Health for the Province. The members gave Mr. Kirby an enthusiastic reception, and in his speech at the dinner he pledged his support and declared his office was open to any medical officer of health at any time for consultation regarding problems in his community.

As an attraction of the conference a reference library was assembled containing the latest books of reference and current periodicals in the field of public health. The librarian of the departmental library attended throughout the sessions and furnished information to the medical officers of health, public health nurses, sanitary engineers and other interested workers. This service was very much appreciated.

The following committee was appointed to study Accident Prevention:

Dr. L. A. Pequegnat, Toronto, Convener; Dr. C. E. McLean, East York; Dr. B. B. Kelly, Port Hope.

A communication was received from the Mayor of the Town of Simcoe inviting the Association to meet in Simcoe in 1939. The invitation was referred to the in-coming Executive.

The committee brought in their respective reports as follows:

1. The Committee on Resolutions, composed of Dr. Martin Powers, M.O.H., Rockland, Convener; Dr. T. A. Bertram, M.O.H., Dundas; Dr. Fred Adams, M.O.H., Windsor; submitted the following resolutions:

(1) That the Ontario Health Officers assembled in Convention in Toronto, heartily endorses the legislation passed by the Government at the 1938 Session of the Legislature, dealing with compulsory pasteurization of milk in Ontario. Carried.

(2) That this Association recommend to the Ontario Government that an active programme of education be carried out among all the people of the Province covering the danger of using raw milk. This education to cover the symptoms of Bang's disease and tuberculosis among cattle, so that farmers may recognize these diseases in their herds. Carried.

(3) That this Convention ask the Minister of Health, the Honourable Harold J. Kirby, K.C., to urge the Provincial Government to restore the grant for municipal and school nurses. Carried.

(4) That a committee be appointed by the Executive to study the subject of The Tuberculosis Rebel as to effective hospitalization. Carried.

(5) That the Ontario Government be requested to make a survey of the Trachoma situation in this Province with a view to finding:

(*a*) The number of cases in the Province.

(*b*) The number of native-born Canadians affected. Carried.

(6) That this convention recommend to the Minister of Health that any Medical Officer of Health not attending the Annual Health Officers' Convention over a period of two consecutive years without reason satisfactory to the Minister, may be recommended by the Minister for discharge by his municipality, and that a copy of this resolution be sent to all Health Officers and all Secretaries of Boards of Health. Carried.

(7) In view of the need and desirability of establishing refresher courses for Medical Officers of Health, resolved that these should be held at strategic and convenient centres. Carried.

(8) That this Meeting record our feeling that some definite basis for a more equitable remuneration could and should be obtained than that found in Section 52 of the Public Health Act; while stating at the same time our appreciation of what the Department has already done in connection with our remuneration as Medical Officers of Health. Carried.

(9) That the Minister be petitioned to fix a minimum of $40.00, plus travelling expenses, to the Medical Officer of Health, for attendance at the Annual Conference of the Ontario Health Officers' Association. Carried.

II. The report of the Nominating Committee was submitted by Dr. W. J. Cook, of Sudbury, Convener; and Dr. J. W. Fraser, of Kitchener, and Dr. Ward Woolner, of Ayr. The committee's report was adopted and resulted in the election of the following officers and Executive for the coming year:

Honourary President—The Honourable Harold J. Kirby, K.C., Minister of Health of Ontario;

President—Dr. T. H. McColl, Medical Officer of Health, Tilbury.

1st Vice-President—Dr. C. A. Warren, Medical Officer of Health, York Township.

2nd Vice-President—Dr. F. Ladouceur, Medical Officer of Health, Casselman.

Secretary—Miss M. Power, Department of Health of Ontario.

Executive Committee:

Dr. H. E. Welsh, Roslyn.
Dr. H. B. Kenner, Stratford.
Dr. J. Edgar Davey, Hamilton.
Dr. G. B. Stalker, Hanover.
Dr. W. E. Brown, Orillia.
Dr. C. H. Bird, Gananoque.
Dr. J. W. Mackie, Lansdowne.
Dr. H. M. Young, Iroquois Falls.
Dr. J. C. Gillie, Fort William.

A copy of the programme in detail is given below:

WEDNESDAY, JUNE 1st, 1938

MORNING SESSION, 9.30 A.M.—CONCERT HALL

Registration—Wednesday and Thursday only—Convention Floor.

10.00 a.m.—Meeting of Executive Committee.

10.30 a.m.—General Session: Recent Legislation affecting the Public Health in Ontario

Dr. J. T. Phair, Chief Medical Officer of Health.
Dr. K. G. Gray, Solicitor to the Department.
Dr. F. A. Kohli, Director of Dental Services.

11.45 a.m.—Appointment of Committees:

Committee on Nominations.
Committee on Resolutions.
Committee "to study the situation in regard to accident prevention," as requested at 1937 meeting.

LUNCHEON SESSION, 12.30 P.M.—CONCERT HALL

12.30 p.m.—Luncheon.

The Training of Personnel for Local Administration of Public Health as a Responsibility of the Department of Health of Ontario—Dr. B. T. McGhie, Deputy Minister of Health.

GENERAL SESSION—CONCERT HALL.

2.10 p.m.—Presidential Address—Dr. W. H. Birks, President.

2.30 p.m.—Tuberculosis: The Significance of the 1938 Legislation in the Local Tuberculosis Program—Dr. G. C. Brink, Director, Division of Tuberculosis Control, Department of Health of Ontario.

3.00 p.m.—Sulphanilamide:
As a Therapeutic Agent in Streptococcal and other Infections—Dr. P. H. Greey, Toronto General Hospital.
As a Therapeutic Agent in Gonorrhoeal Infection—Dr. C. A. Chisholm and Dr. W. H. Murby, St. Michael's Hospital, Toronto.

3.30 p.m.—Protamine Zinc Insulin:
Advantages and Limitations in the Treatment of Diabetes—Dr. N. F. W. Graham, Director of Laboratory, Sault Ste. Marie, Ontario.

THURSDAY, JUNE 2nd

MORNING SESSION, 9.30 A.M.

THE MEDICAL OFFICER OF HEALTH IN URBAN CENTRES

Convener, Dr. J. Edgar Davey

PARLOR A

9.30 a.m.—Milk Pasteurization—Dr. A. E. Berry, Director, Division of Sanitary Engineering, Department of Health of Ontario.
Discussion led by Dr. J. W. Fraser, M.O.H., Kitchener.

9.50 a.m.—Dishwashing as it Affects Public Health: Effective Procedures—Dr. A. L. MacNabb, Director, Division of Laboratories, Department of Health of Ontario.
Discussion led by Dr. A. R. B. Richmond, Director, Division of Food Control, Department of Public Health, Toronto.

10.05 a.m.—Trachoma as a Medical Problem—Dr. A. Wahl, Department of Indian Affairs Ottawa.
Trachoma as a Public Health Problem—Dr. Fred Adams, M.O.H., Windsor.

10.25 a.m.—Venereal Disease:
(a) Among Transients: Whose Responsibility?—Dr. J. H. White, M.O.H., Fort William.
(b) When May a Case of Venereal Disease be Discharged as being No Longer a Responsibility of the Department of Public Health?—Dr. A. L. McKay, Director, Division of Preventable Diseases, Department of Health of Ontario.

10.45 a.m.—The Tuberculosis Rebel, Patient or Contact—Dr. W. Egerton George, M.O.H., Galt.
Discussion led by Dr. G. C. Brink.

11.05 a.m.—Food Handlers—Dr. A. E. Ranney, M.O.H., North Bay.
Discussion led by Dr. James Roberts, M.O.H., Hamilton.

11.25 a.m.—Revision of Section 88 of the Public Health Act to give the Medical Officer of Health the Power to Demolish—Dr. C. A. Harris, M.O.H., London.
Discussion led by Dr. D. V. Currey, M.O.H., St. Catharines.

11.45 a.m.—The Automobile as a Public Health Problem: (a) Accidents, (b) Trailers—Dr. L. A. Pequegnat, Deputy Medical Officer of Health, City of Toronto.

THE MEDICAL OFFICER OF HEALTH IN THE SMALLER COMMUNITY

CRYSTAL BALLROOM

9.30 a.m.—The Problem of Motor Accidents—Mr. Arthur Rowan, Department of Highways, Ontario.
Discussion led by Dr. T. H. McColl, Tilbury.

10.00 a.m.—Tutoring in Public Health—Miss E. L. Moore, Chief Public Health Nurse.
Discussion by Dr. Ward Woolner, Ayr, and Dr. J. M. Nettleton, Penetang.

10.30 a.m.—Tourist Facilities and Trailer Camps—Mr. E. W. Johnston, Division of Sanitary Engineering, Department of Health of Ontario.
Discussion by Dr. W. E. Wilkins, Cobourg, and Dr. M. M. Fisher, Gravenhurst.

11.00 a.m.—Milk Production Control—Dr. A. E. Berry, Director, Division of Sanitary Engineering, Department of Health of Ontario.
Discussion by Dr. C. E. Hill, North York Township, and Dr. R. W. Rankin, Tillsonburg.

11.20 a.m.—Health Problems at Bathing Beaches—Dr. A. E. Berry.

LUNCHEON SESSION

The Thursday luncheon hour has been reserved for special groups who may wish to meet together. Arrangements for reservation of Private Dining Rooms may be made through the Secretary.

GENERAL SESSION—CRYSTAL BALLROOM

Chairman—Dr. W. H. Birks

Reception of Report of Nomination Committee.

2.10 p.m.—Epidemiological Findings and Suggested Administrative Procedures Based on the 1937 Epidemic of Poliomyelitis in Ontario—Dr. J. T. Phair, Chief Medical Officer of Health.

2.30 p.m.—Pathology: Services offered to Physicians by the Department of Health—Dr. H. A. Ansley, Pathologist, Laboratory Services, Department of Health of Ontario.

2.50 p.m.—Pneumonia as a Public Health Problem:
(a) The Present Problem in Pneumonia—Dr. A. H. Sellers.
(b) Epidemiology and Etiology of Pneumonia—Dr. A. L. McKay.
(c) Diagnosis of Pneumococcic Infections by Typing Method—Dr. W. B. McClure.

3.30 p.m.—Insulin Therapy in the Treatment of Schizophrenia—Dr. N. L. Easton, Ontario Hospital, New Toronto.

DINNER SESSION, 6.45 P.M.—CRYSTAL BALLROOM

Address—J. J. McCann, M.P., M.D., Medical Officer of Health, Renfrew, Ontario.

Address—Honourable Harold J. Kirby, K.C., Minister of Health of Ontario.

FRIDAY, JUNE 3rd.

MORNING SESSION—SECTION MEETINGS, 9.30 A.M.

SECTION A—CRYSTAL BALLROOM

Convener, Dr. A. L. McKay

EPIDEMIOLOGY:

1.—Discussion:	Venereal Disease Program in Municipalities without Clinic Service.
2.—Demonstrations:	Undulant Fever. Scarlet Fever Immunization. Typhoid Investigation. Whooping Cough Immunization. Infectious Jaundice.

TUBERCULOSIS:

1.—Demonstration:	The Patch Test.

9.30 A.M.

SECTION B—PARLOUR B

Convener, Dr. A. E. Berry

DISCUSSIONS:	Community Sanitation. Air Conditioning. Pasteurization Standards. Inspection of Dairy Farms. Some Chemical Aspects of Municipal Water Supplies. Soft-Drink Bottling Plants.

9.30 A.M.

SECTION C—PARLOUR A

Convener, Dr. A. L. MacNabb

DEMONSTRATIONS: Submitting Laboratory Specimens for Confirmatory Tests.
Recent Advances in Connection with the Preparation of Pertussis Vaccine.
Kellogg Test as a Means of Determining the Diphtheria Antitoxin Content of an Individual's Blood Serum.
Recent Advances in the Preparation of Typhoid-Paratyphoid Vaccine.
Recent Advances in the Diagnosis of Enteric Diseases.
Phosphatase Test.
Special Bacteriological Examinations and the Submitting of Specimens for such.
Brucella Infections.
Recent Advances and Recommendations in the Serology of Syphilis.
Display of some common toxic materials used in industry which can gain access to the body through the respiratory tract.

11.15 A.M.

GENERAL AND BUSINESS SESSION—CRYSTAL BALLROOM
Reception of Reports:
  Resolutions Committee, and other Committees.
Question Box.
Summary of Proceedings:

  Discussion by:
    Representative of Urban Medical Officers of Health.
    Representative of Rural Medical Officers of Health.
    Chief Medical Officer of Health representing the Department of Health of Ontario.

DIVISION OF DENTAL SERVICES

F. A. KOHLI, D.D.S., *Director.*

There has been considerable re-organization of the Hospitals service. Except in the case of Orillia, the hospital clinics were formerly on a part time basis. The present dental staff is composed of nine full-time and four part-time dentists.

A standard clinic procedure has been developed. This provides for all patients upon admission to be given a complete dental survey, the survey to include careful, systematic oral examination and dental radiographs. The standing population of the hospitals is circulated through the clinic alphabetically, and patients unable to attend, are visited in the wards.

An oral hygiene programme, under the direction of the dental surgeon, provides for supervision of the use and care of the tooth brushes and assistance by the attendant and nursing staff to those patients unable to properly care for their own mouths.

A six-day post-graduate course was arranged at the Faculty of Dentistry for the dental surgeons on the staff, in order to standardize the method of taking impressions and to give special instruction in the interpretation of radiographs. The result of the course has been to facilitate the work of the Central Laboratory which has been working to capacity.

Consultation service and regular inspection of all clinics has been given by the Director.

The Department has, for some time, been supplying health literature and survey charts for use in school dental health campaigns. A survey of thousands of Ontario school children has revealed an almost constant presence of dental defects, ranging from small cavities to serious septic conditions. Efforts must be directed towards supplying the necessary treatment. Although this is considered a municipal responsibility, the Department has this year appropriated funds to give assistance to School Boards and local Boards of Health desirous of initiating a school dental service in elementary or secondary schools.

A number of municipalities have taken advantage of the grant, and applications are pending from as many more. A great deal of interest in this work has been evinced by the various School and Service organizations throughout the province.

The plan of emergent dental treatment for relief recipients has provided necessary extractions and repairs of dentures for approximately 22,000 patients who otherwise would not be in a position to obtain treatment.

The Dental Car is giving free dental service to school and pre-school children in unorganized territory where the care of a private dentist is not available. During the past year the Car has moved eastward from Dorion to Cartier, then travelled to Ingolf on the Ontario-Manitoba border to work eastward again. Letters of appreciation have been received from the district.

DIVISION OF INDUSTRIAL HYGIENE

J. Grant Cunningham, B.A., M.B., D.P.H., *Director.*

Industrial Hygiene activities occupying the attention of the Division cover facilities established or to be established by industries themselves for general health supervision and the control of occupational disease hazards.

General Health Supervision.

Physicians on a part time basis with nurses are employed to bring to workers at the factory, the benefits of early diagnosis and advice for the maintenance of health rather than for the active treatment of the disease. There is no legislative requirement for this procedure but the practice is spreading from the larger to the smaller factories. Apart from material improvement in health, it can be an important factor in industrial relations if the patient-physician relationship is observed.

During the last three years the examination of certain groups of workers who are required to work in close proximity to one another has revealed an inordinate number of cases of tuberculosis, no doubt due to its spread in the factory. This year, two additional groups involving six hundred examinations presented six cases of tuberculosis and four others requiring observation for which follow-up arrangements were made locally. Such a finding represents the average experience but working closely together these persons if not discovered could be expected to infect others, as appeared to occur in those previously reported. To require that workers do not sit close together or opposite one another at work involves expensive changes in process. The alternative is regular health supervision by industry itself. Many enquiries are received from employers and physicians about to inaugurate such supervision, but it is a voluntary measure and spreads slowly.

Occupational Hazards.

At the same time, such supervision where it is in effect, is the most effective control for the hazards to health associated with the use of dangerous substances. From factory medical personnel come to the attention of the Division those hazards which they have recognized but which require special investigation for which individual factories can hardly expect to be equipped. In the absence of regular health supervision, these hazards must be recognized through haphazard observation by industry itself or through factory inspectors, accident prevention inspectors, the Workmen's Compensation Board or by the Division in surveys where suspicion of hazard exists or from its contact with cases of sickness. Surveys conducted by the Division have been largely held in abeyance in favour of response to requests for assistance and the control of known hazards. About one-third of the visits made were upon request, the services of physicians, engineers or chemists being required. Correspondence and telephone enquiry for this type of assistance is a considerable item, much of it from industry; an expression of growing interest and perhaps confidence, which is the best guarantee of good working conditions. The clinical, laboratory, engineering and library facilities available, make this possible.

As previously, a great variety of substances and processes has been investigated in the industrial hygiene laboratory and in the field, with particular attention to a few, e.g., the use of benzol for vanillin extraction from wood pulp, exposure to rock wool dust, arsenic in gold ores, use of carbon tetrachloride in trichlorethylene degreasing machines, fumes in oil-fired japan ovens, sulphuryl chloride.

Some Special Enquiries.

Eighteen cases of chronic arsine poisoning in a gold refining mill were investigated and reported upon. Recommendations were made to prevent such an occurrence elsewhere.

The sulphate ratio was investigated in 68 men at benzol operations and reported on. Periodic medical examinations continue to be required for such workers.

A study of sickness experience in certain groups of workers on repetitive tasks working at a fixed pace showed a consistently higher absence record than in others in the same factories doing similar work under other conditions.

Chemical analysis of lungs from cases of silicosis coming to autopsy has continued with a view to correlation of the results with petrographic findings in material from the same source.

Apparatus for the determination of the concentration of carbon tetrachloride in air, using a combustion method has been constructed in the laboratory. The values given have been compared with those from a sensitive chemical method recently developed by Dr. H. M. Barrett at the School of Hygiene, University of Toronto. This has been used to determine the efficiency of mechanical measures for the control of these fumes produced in filling containers and in dry-cleaning.

A member of the Division represents the Department on a Sub-Committee of the Canadian Engineering Standards' Association to formulate eye-shield specifications for welders' helmets for protection of eyesight against ultra-violet light.

Some attention has been given to encouraging the development of inexpensive individual units for supplying clean air to helmets and masks worn by such workmen as sandblasters and granite-cutters.

Occupational Disease Regulations.

Supervision of reports by physicians on periodic examinations conducted, of those exposed to lead or benzol required under The Factory, Shop and Office Building Act, resulted in a few being removed from exposure and drew attention to certain processes which required correction. About seven hundred blood smears were examined in the laboratory here in addition to those by industrial physicians as part of this supervision.

The labelling of containers with lead or benzol directs inspectors to processes using these materials. The samples submitted to the laboratory for testing indicate that generally, manufacturers of these products are meeting the requirements. Although not specified in these regulations, tests show that domestic parting compounds for use in moulding operations conform to the designations used. Silica partine with its attendant hazard has almost disappeared.

Posters warning of the hazard from lead or benzol have been placed at processes using these materials in forty additional factories this year.

Control of Dust and Fumes.

Engineering services of the Division have been called upon for concrete suggestions, to include drawings, for installations to control dust and fumes at such as spray booths, chrome tanks, lead and cyanide pots, buffing wheels, aeroplane doping but especially in foundry processes. Here is emphasized the silica hazard from the sandblast, shake-out, core-knock-out and chipping operations. The response to these recommendations, sometimes involving considerable financial outlay, is relatively slow but steady. Housekeeping and sandblast operations have markedly improved. Some very extensive alterations have been made partly involving process changes. They provide an opportunity for testing directly the effect of the methods adopted. A ventilated stall for brushing bath-tubs reduced the exposure from forty million to two million particles per cubic foot of air, i.e., below the danger line—a battery of flexible-shaft grinders installed in separate booths reduced the dust exposure to two million particles per cubic foot of air—in a sand-drying operation the dust content of the air breathed by workmen was reduced from eighty million to four million particles per cubic foot. Some of these exposures require experimental tests before plant installation is started. In one of these a special hood system to remove lead dust from brush-cleaning the interior of small receptacles has proved satisfactory.

Physical Examinations.

In addition to six hundred examinations of industrial workers directed to finding cases of tuberculosis already referred to, clinical and laboratory examinations, for diagnosis of occupational disease as a lead to their source and for assistance to industrial physicians, totalled 230, a few of them from three other provinces; for the issuance of mining certificates, 123; for dust exposure surveys 140; for Government Board 270; for Workmen's Compensation Board for silicosis claims, 415 examinations in 287 cases. Of these last, forty-three per cent. were totally disabled and a third of the total were new cases. The proportion of new cases was greater among foundrymen than in miners due to an earlier accumulated experience.

The periodic examination of those exposed to silica dust other than in mines is not yet compulsory although the number of employers providing for it voluntarily, has increased. They have had considerable clinical assistance from the Division on diagnosis and advice as to the disposition of those affected, so important from the standpoint of the workman.

Dr. L. B. Leppard attended the Annual Convention of the American Foundrymen's Association for the opportunity presented to be informed of the rapid technical developments in dust control.

Dr. A. R. Riddell attended from Canada and took part in the Second International Conference on Silicosis at Geneva, Switzerland.

Dr. J. G. Cunningham attended and took part in the Symposium on Occupational Diseases presented by Northwestern Medical School, Chicago, Illinois.

Dr. F. M. R. Bulmer visited New York, New Jersey, Pennsylvania and Maryland, primarily to determine the procedure and experience there with "Bedding Laws." Since then, regulations have been drafted and passed under The Public Health Act, effective December 28, 1938. They require that mattresses, pillows or upholstered furniture be labelled as containing "new," "converted" or "second-hand" material as the case may be. Disinfection and disinfestation may be required by the local Medical Officer of Health or by an officer of the Department. Representatives of manufacturers, suppliers of raw material, and retailers have co-operated in inaugurating compliance with these regulations.

Fumigation Using Cyanide Compounds.

The regulations respecting cyanide compounds have caused more attention to be given to substitutes for these dangerous compounds. The number of permits for fumigators using cyanide has decreased, e.g., in Toronto from about 1600 in 1937 to 1200 in 1938. Certain Casualty Insurance companies are carrying the risk for fumigators, subject to conditions in the public interest, set down by the Superintendent of Insurance. There have been no fatalities during the year. Twenty-three persons have licenses in good standing from the Department at the end of the year. Eighteen persons have licenses restricted to commercial fumigation where insurance is not required.

Tests have been made to determine concentrations of "Proxate," a mixture of methyl bromide and carbon dioxide in rooms adjoining those sealed for using this material as a fumigant. Amounts detected were considerably below toxic levels but, of course, care is still necessary in handling it and in sealing rooms in which it is to be used. Tests have been made of the use of a warning gas other than those now approved. These tests so far have not been successful.

The close co-operation of the Factory Inspection Branch of the Department of Labour, the Workmen's Compensation Board and the Accident Prevention Associations, is appreciated especially in the control of occupational diseases.

The following articles have been prepared and delivered or published during the year:

1. Industrial Cadmium Poisoning—A Report of Fifteen Cases including two deaths, by Dr. F. M. R. Bulmer, H. E. Rothwell and E. R. Frankish. Canadian Public Health Journal, January, 1938, pages 19-26.

2. A Study of a Fatal Case of Uncomplicated Silicosis, by A. R. Riddell, C. M. Jephcott and Dudley A. Irwin. The Journal of Industrial Hygiene and Toxicology, Vol. 20, No. 9, November, 1938.

3. A Study of Crystalline Siliceous Minerals Present in Silicotic Lungs by the X-ray Diffraction Method. by C. M. Jephcott, W. M. Gray and Dudley A. Irwin. The Canadian Medical Association Journal, Vol. 38, pages 209-215, 1938.

4. Tuberculosis in Industry, presented by Dr. A. R. Riddell at the Wayne County Medical Society, Detroit, Michigan.

5. Silicosis and Its Relation to Other Fibrosing Lung Conditions, presented by Dr. A. R. Riddell at the Academy of Medicine, Toronto.

6. Industrial Medical Surveys by Dr. J. G. Cunningham, at the Occupational Disease Symposium, Northwestern Medical School, Department of Industrial Medicine, Chicago, Illinois.

7. Objectives of Industrial Hygiene, by Dr. F. M. R. Bulmer, Canadian Public Health Association Journal, July, 1938, pages 345-353.

Sanitary Inspection and Medical Care in Unorganized Territory.

The report of the Chief Sanitary Inspector is attached. The amendments to the regulations, effective August 18, 1938, are directed primarily to improved medical care of workmen under medical contract, by strengthening the position of the physician and increasing his responsibilities; to coverage for workmen employed in unorganized territory but living elsewhere; to limitation of employer liability in cases of non-industrial accidents, largely due to automobiles; and to more responsibility but greater latitude in conforming to the regulations in respect to sanitary camp construction and maintenance. Operators and contract physicians met with representatives of the Departments of Health and of Lands and Forests on separate occasions in the Thunder Bay area for consideration of the problems which the regulations are intended to cover. These meetings are to be extended to other districts. The conditions governing the development of medical services in camps with more than five hundred men have been set out.

There were no cases of smallpox. Of nine cases of typhoid fever, five occurred at one point from causes within the control of the company, while the remainder were individual cases widely separated with no secondary cases. All were due to contaminated water supply. The number of cases is small compared with earlier years but sufficient to emphasize to employers and employees the importance of sanitation.

The number of cases of dysentery is an added reason for more care. These cases are widely distributed and the subject of special enquiry at present. Most employers now recognize the value of health measures but they do not always delegate someone to be responsible for getting results.

SANITARY INSPECTION

D. McKee, *Chief Sanitary Inspector*

The following report is submitted for your approval covering the work carried out by your staff of six Provincial Sanitary Inspectors during the year 1938, including data relating to industrial camp hygiene.

The primary duty of the inspectors is the enforcement of the Public Health Act and regulations made thereunder, particularly respecting industrial camps, works and premises, employers and workmen thereof in territorial districts without municipal organization. These districts comprise practically three-quarters of the area of the Province of Ontario.

In 1938 it was again found necessary to make some minor changes in the judicial districts of the inspectors. This was in part due to the closing of the Sudbury office in 1937 and the opening of a new office at Geraldton the same year, combined with the increased mining and other industrial activities in the latter area. Consideration was also given to the question of accessability and available transportation to all points in both districts.

The sanitation of industrial camps under Departmental regulations enforced by the Provincial Sanitary Inspectors is very important, due to the fact that workmen employed in remote areas are more or less compelled to live in temporary shelters under conditions which are not of their own choosing, and in some instances those who conduct the camps are apt to provide a meager outfit and to manage it in a careless manner through economic considerations, lack of knowledge, indifference to good sanitation, or short duration of the camps. In other cases the employer or his workmen may be careless in sanitation through the apparent freedom from civilized society or city life conveniences.

After conferences with representatives of the three main industries concerned, lumber, mining and pulp and paper, the regulations respecting industrial camps were revised and approved by Order-in-Council, August 18, 1938. From reports from the inspectors, also from employers and workmen, it would seem that the revised regulations clarify a number of questions which had been raised under those previously in effect. An important change makes provision for employers, who usually employ more than 500 workmen in the same area, to establish a full time medical service at the camps, all such arrangements being subject to the approval of the Minister of Health. Under the present regulations, provision is made to exempt the employer of liability for payment for treatment in a sanatorium for tuberculosis patients. Provision is also made for the separate accounting of all sums deducted from wages of workmen for medical and surgical care of such workmen. A standard camp is now defined in the regulations as consisting of fifteen or more workmen, exclusive of one foreman and one clerk, which has increased the number of operators coming under the regulations, particularly in the Nipissing and Parry Sound districts.

The card index system of records was also revised and a more uniform system established in the district inspectors' offices, which should correspond with the central office. This will assist considerably in the keeping of records relative to industrial camps, employers of labour and the contract physicians' records, with the minimum amount of office work for the inspector.

The following summary shows the various industries in Northern Ontario throughout the year giving the average number of men employed and duration of employment. It will be noted from these figures that the actual number of workmen who found employment in industrial camps in 1938 compared favourably with 1937, when 41,332 were employed.

INDUSTRY	No. Of Operations	No. of Camps	No. of Men Employed	Average Duration
Lumber and Pulpwood	99	385	21,832	6 mos.
Saw Mill	31	34	1,884	5 mos.
Mining	84	84	9,537	12 mos.
Construction	44	64	5,747	6 mos.
Railway Extra Gang and S. S. Camps	4	30	1,500	5 mos.
Creosoting	1	1	50	2 mos.
Total	263	598	40,550	

Lumber and Pulpwood Operations.

During the year there were 99 operators, 385 logging camps employing 21,832 workmen. While the number of camps is approximately the same as last year, the actual number of workmen engaged in logging operations is 6,316 less.

Two new pulpwood plants were under construction during the summer months—(1) Lake Sulphite Pulp Co. plant located at Red Rock, township of Nipigon, where approximately 1,500 workmen were engaged on this work as well as a large number in the pulpwood cutting camps, which were later abandoned. (2) The Ontario Paper Co., Heron Bay, on C. P. R., carried to completion the construction of a large barking mill, also a small townsite for their employees. This work provided employment to 400 workmen during the spring and summer months. This plant will give employment to 125 workmen at the mill camp during the summer, and between 400 to 500 in the woods camps during the winter for a number of years.

Mining Camps.

Eighty-four mining camps were operating, employing 9,537 workmen for a period of twelve months. These included camps in unorganized territory which came under the regulations of the Department. Owing to the nature of this industry and its permanent location, combined with the co-operation of the mining officials in charge with the staff of Provincial Sanitary Inspectors, these camps are usually constructed with due regard to modern sanitary conditions and the protection of the health of the workmen to be housed therein.

The question of disposal of mine tailings and slimes, etc., from the mines has been investigated by the inspectors during the year. Where the system of disposal has given grounds for complaint, a system of settling out the solids before entering the lakes or other water supplies has reduced any serious hazard and also the objectionable discolouration of the water on the shore-line.

During the early part of the year one company physician reported 18 non-fatal cases of arsenic poisoning among a group of workmen employed in one of the mills. The condition was drawn to the attention of the Department and was investigated by Dr. F. M. R. Bulmer, Divisional Research Specialist, the following day. The results of this investigation were very conclusive, and recommendations to remove the apparent cause were put into effect by the employers immediately.

Three new mining fields are now under development. The Sachigo River Gold Mine in Sachigo River area is located approximately 300 miles north of Sioux Lookout, or 110 miles directly east of God's Lake, Manitoba. Berens River Mine is under development in the Red Lake area, 119 miles north of Kenora. The latest mining field discovered during the latter part of the year is the Opipisway Lake district, 105 miles west of Sudbury. In this area approximately 300 workmen are employed by the different mining companies in prospecting, diamond drilling, and development work.

Construction Operations.

Construction operations provided employment to 5,747 workmen for an average of nine months in Highway, Hydro and other construction camps during the year. In this group, which is now carrying on operations during winter and summer months several sporadic cases of typhoid fever developed, which were traced to the source of drinking water supply.

Industrial Contract Physicians.

There is a total of 186 active medical and sanitation contracts divided among 40 physicians who employ 44 assistant physicians either on a part or full-time basis throughout the year.

It will be noted from the summary of industrial camps that 40,550 men were employed. In this group of workmen the following medical service was rendered by the contract physicians as reported to the Department in their monthly reports:

Inspection Reports Received	No. Men Treated	Immunizations	Physical Examinations
2,220	16,585	2,986	3,945

It may be noted that the statistical showing of the number of men treated does not represent the total number of treatments by the physicians. The improvement in type of medical service and the number of visits by the contract physician, particularly to the logging camps, are much appreciated by the workmen.

The revised regulations have made provision requiring that the contract physician cause a notice to be posted in a camp a reasonable time in advance of his visit. This has proved more satisfactory to the workmen giving them a better opportunity to consult the doctor for minor ailments.

Communicable Diseases.

The case record of communicable diseases as reported by the industrial contract physicians is higher than last year. This is evidently due to the fact that better records on communicable diseases are now submitted by the contract physicians.

The following is a summary of contagious diseases as reported by the contract physicians.

Measles	22
Chickenpox	4
Pneumonia	26
Impetigo	23
Tuberculosis	6
Syphilis	16
Influenza	507
Scarlet Fever	2
Dysentery	355
Septic Sore Throat	29
Gonorrhoea	32
Conjunctivitis	37
Mumps	2
Typhoid Fever	9
Ringworm	1
Diphtheria	1
Trench Mouth	1
Herpes Zoster	5
Scabies	9
Poliomyelitis	1
DEATHS:	
Septicaemia	1
Injury	1
Heart	3
Drowning	2
Killed	2

It will be noted that there were nine cases of typhoid fever. Five of these developed in some road construction camps in the Temagami area. Investigation revealed the company officials disconnected the chlorinated T. & N. O. safe water supply, using instead a temporary pumping system from a contaminated lake water supply in a bay in Temagami Lake. This change was made without the consent of the contract physician or inspector. Three other sporadic cases developed at different points and were traced to their source.

In view of the frequency of respiratory diseases, a definite effort has been made to eliminate as far as possible close contact with fellow-workmen in sleeping and living quarters.

During the year the inspectors were called upon to assist the family physicians in unorganized territory in the investigation and enforcement of quarantine of 233 cases of contagious disease.

Inspection of Towns and Villages, etc.

Sanitary surveys, inspections and investigations were made during the the summer months of towns, villages, schools and tourist resorts. These inspections include dairies, water supplies and all duties of the sanitary inspector under the Public Health Act.

The sanitary supervision of the towns and villages has entailed much return follow-up inspection work due to the fact that there is no local authority or health board to follow up your inspector's instructions. The consensus of opinion in this regard seems to be that consideration might be given to a provision under the Public Health Act for the appointment or election of a sanitary board which would have power to assess and collect money for local sanitary improvements, such as establishing a scavenger system, public water supplies, etc., and would work in co-operation with the Provincial Sanitary Inspectors.

It is recommended that amendments be made to the Public Health Act to make provision for the election or appointment of a local sanitary board in unorganized towns and villages with a population of 500 persons or over.

CANCER CONTROL

The Ontario Government supplies seven cancer clinics across Southern Ontario with radium and radium emanation and makes grants for stated periods to the hospitals in which they are located, now totalling $86,000 a year. This is the first year for these grants to the clinics outside the university centres so that the details for improvements which the funds make possible, have been worked out and applied. There is provision for a supervisory committee for public relations and a medical committee for consultation on technical matters. All the clinics are well-equipped for the application of treatment measures and for accurately recording the data so necessary for statistical research later. The details of cases treated by these clinics are contained in the attached report of Dr. A. H. Sellers, Medical statistician. There have been about 2,100 new cases of cancer a year, treated at the clinics. There is an unknown number of cases of cancer which do not reach the clinics for either diagnosis or treatment.

The cancer study groups in hospitals with over one hundred beds and the educational activities of the new Society for the Control of Cancer, sponsored by the Canadian Medical Association, should result in more cases reaching the clinics and that in the early stage when best results are obtained from treatment. It is important that municipalities send indigent cases as soon as the condition is recognized.

The radium plant has been operated to capacity primarily for the clinics, the remainder of its output being supplied to specified hospitals for indigent cases or to specified physicians for private cases, the latter at a rate of one dollar per millicurie. Provinsion has been made this year for duplicate parts of the emanation plant to avoid delay from breakdown due to the age of the plant. Protection from stray radiation for the plant operator has been increased following additional tests. The operation of this plant is now conducted by a part-time physicist.

The full-time physicists in addition to their work on dust control have conducted measurements of X-ray output for the clinics and audited the supplies of radium. No Government radium was lost but a small amount of hospital radium was recovered in an incinerator using equipment developed in the Department. The physicial problems with deep therapy X-ray and radium treatment have demanded more time especially with the new 400 K. V. X-ray machine at the Toronto General Hospital. A good deal of this is night work. For routine control and physicial research, it is very desirable that physicists should be constantly available at larger clinics.

THE THIRD ANNUAL STATISTICAL REPORT ON CANCER*
CALENDAR YEAR 1938

Comprehensive statistics on patients admitted to the seven Ontario Cancer Centres have become available for the first time this year. This significant development in the Department's cancer program has been made possible by the new record scheme devised by the Division of Medical Statistics and introduced into the seven Centres in August, 1937, through the co-operation of the clinic Directors. This plan provides for the maintaining of a complete history, examination and treatment record for every patient, in a uniform prescribed form. In addition, a follow-up card containing the essential clinical data including status on admission, stage of disease, treatment and after-history, is kept for each patient. All the facts necessary for a satisfactory annual review and appraisal of the work of each clinic and of the efficacy of treatment are therefore available. Each patient is to be followed annually for a period of at least five years or until death and the follow-up cards of all patients admitted to the Centres from January 1, 1938, up to December 31st, of the year just preceding are to be submitted to the Department on or before February 15th, each year.

In February, 1939, the cards of all new patients admitted to each clinic during the year ending December 31, 1938, were submitted to the Department. This was the first occasion of this practice and all cards were reviewed so that attention could be directed to any errors in their use. From the cards submitted, an annual report for each Centre was compiled, making it unnecessary to require each Centre to prepare and submit its own report as heretofore. This centralization of tabulation places a heavy burden on the statistical office but extends the opportunities for research. A series of summary tables will be forwarded to each clinic annually based on the review conducted.

It is confidently expected that a real contribution can be made toward clinical cancer research through the work now in progress and that material assistance can be rendered in many of the administrative, clinical and educational problems in cancer control. The full success of present objectives in the Department's program require, of course, the continuance in the future of the intimate co-operation given by the Director of each Centre in the past. Naturally many difficulties have been encountered during the transition period following the introduction of the new record scheme and certain problems still remain to be solved. The co-operation of the clinic Directors in making possible the developments during the year and in particular the statistical report which follows, is acknowledged.

A conference of the clinic Directors was held in November, 1938, to discuss experience with the new record forms, and a revision of the history and examination schedules was approved, modifying the arrangement without impairing the value of the record for statistical purposes. This revision will be undertaken early in 1939. The remainder of the schedules and follow-up cards were approved in their original form.

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* Prepared by the Division of Medical Statistics, Ontario Department of Health.

From the information now available to the Department through the follow-up cards, several important contributions to available knowledge are possible. Stages of disease at the beginning of treatment, nature of any previous treatment, delay in seeking treatment, etc., are facts which are important both in reference to administrative problems and in cancer research. In the statistical report appended, the principal points of interest regarding new cases admitted to the seven Centres during 1938 are presented.

Departmental Objectives—

The Department, together with the Directors of the seven cancer centres are in agreement that an accurate, complete record of each patient, including follow-up, is essential not only in the best interests of the patients, but because such data is a contribution to the advancement of our knowledge of cancer, its treatment and control. As a further extention of these interests, an effort will be made to secure records of *all* patients admitted to the Centres *whether treated or not,* in order to determine the frequency of and the reasons for non-treatment.

The securing of records for *all* patients who seek advice at the hospitals where the Centres are located, regardless of whether treated by radiotherapy or not, is desirable. This requires the maintenance of a cancer registry in the hospital housing each Centre, which would be responsible for the records of all patients applying for treatment. Such a registry would be best located in the Centre itself. If such a plan could be achieved, it would make available for study a comprehensive body of data on cancer of *all* sites.

Knowledge of the frequency of cancer is a fundamental step toward control. To this end a review of all patients treated for cancer and other tumours in public hospitals in Ontario 1937, was begun during 1938 by the Division of Medical Statistics. All patients discharged from or dying in these hospitals during that year are to be included. The data available are diagnosis, age, sex, place of residence, length of stay in hospital, type of patient (public, private), etc. When completed, this review will add materially to our knowledge of the extent of the cancer problem in Ontario. At the end of 1938 transcripts from the monthly hospital returns to the Department for the first nine months of 1937 had been completed.

Data is also needed as to the extent to which all patients with cancer are now receiving treatment. A study of all deaths of which cancer was either the cause or an important contributing factor, over a period of one year, would be of material assistance in this connection.

REPORT UPON THE WORK OF THE CANCER CENTRES DURING 1938

The following report upon the work of the cancer Centres during 1938, deals with *new patients* admitted during the year. The tabulations throughout were made in the Office of the Departmental Medical Statistician from data on the follow-up cards submitted by the seven Centres under the new record arrangement.

Table I gives a summary of the case volume during 1938.

TABLE I

NEW CASES ADMITTED BY CENTRE

CALENDAR YEAR, 1938

Centre	New Cancer Cases						Non-Cancer Cases(2)	Total New Patients Treated
	On Record			Treated (1)				
	Private	Public	Total	Private	Public	Total		
Hamilton......	233	69	302	233	69	302	309	611
Kingston......	137	49	186	137	49	186	218	404
London........	80	75	155	80	66	146	103	249
Ottawa (C)..	177	104	281	166	87	253	243	496
Ottawa (G)..	63	50	113	55	42	97	45	142
Toronto........	498	477	1,017(3)	498	477	985(4)	525	1,500
Windsor........	109	41	150	103	33	136	137	273
Total....	1,297	865	2,204(3)	1,272	823	2,105(4)	1,580	3,685

(1) Treated by any method or combination. Includes cases treated by surgery alone but excludes palliative surgery.

(2) Non-malignant tumours and non-neoplastic diseases.

(3) Including 42 cases not treated which are not included in "private" and "public" columns.

(4) Includes surgical cases as follows: breast (2), oral (1), rectum (1), other sites (6) which are not included in "private" and "public" totals.

A total of 2,204 new cancer patients presented themselves for treatment during the year. All but 99 of these received some form of treatment. In addition, 1,580 patients were treated for benign tumours or non-tumour conditions. The number of private cases exceeded that of public in each Centre, public cases constituting 40 per cent. of the total new cancer cases treated during the year.

A comparison of the volume of cancer cases *treated* in each Centre for the three years, 1936 to 1938, is given in table II.

TABLE II

NEW CANCER CASES TREATED BY RADIOTHERAPY *

1936, 1937 AND 1938

Centre	Private			Public			Total		
	1936	1937	1938	1936	1937	1938	1936	1937	1938
Hamilton......	173	189	233	61	77	69	234	266	302
Kingston......	131	153	135	114	45	48	245	198	183
London.........	40	72	80	45	55	64	85	127	144
Ottawa (C)...	163	148	159	90	85	81	253	233	240
Ottawa (G)..	32	30	44	36	34	40	68	64	84
Toronto........	531	505	498	428	470	477	959	975	975
Windsor........	101	108	99	41	28	31	142	136	130
Total.....	1,171	1,205	1,248	815	794	810	1,986	1,999	2,058

*Alone or in combination with surgery or other methods. Cases treated by surgery alone and cases not treated are excluded.

The total increase in cancer patients treated over the previous year is 3 per cent. Significant increases are noted for Hamilton (17 per cent.), London (13 per cent.) and Ottawa (General) (31 per cent.). Slight decreases are noted for Kingston and Windsor. It is somewhat surprising that there has not been a more marked increase over the past three years. Later observations have some significance in this connection.

A composite summary of new cases by site is given in table III, indicating the number alive as at December 31st, 1938.

TABLE III

NEW CANCER CASES ADMITTED BY SITE OF DISEASE

ONTARIO CANCER CENTRES—1938

SITE OF CANCER	Number of Patients			Per Cent. Total†
	Alive	Dead*	Total†	
Breast	364	44	414	18.8
Cervix Uteri	166	35	201	9.1
Body of Uterus	48	14	62	2.8
Lip	202	9	213	9.7
Tongue	35	12	48	2.2
Other Oral ‡	80	13	95	4.3
Upper Air Passages	33	6	42	1.8
Rectum and Anus	47	12	62	2.8
Skin	539	13	556	25.2
Other Sites**	359	131	511	23.3
TOTAL CASES	1 873	289	2,204	100.0

*As at December 31, 1938.

†Including the Not Treated cases at Toronto Clinic.

‡Including tonsil.

**Comprising vagina, ovary, bone, other digestive tract, leukaemia, Hodgkin's disease, etc.

This table indicates that 72.1 per cent. of the cases presenting themselves for treatment had cancer of those sites particularly amenable to radiotherapeutic treatment (breast, uterus, oral cavity and skin). Based on available data on natural duration, the estimated number of patients with cancer of the breast needing treatment during 1938 would be in excess of 1,400 compared with 414 cases admitted to the clinics or 29.6 per cent. of the estimated number. Similarly, the estimated number of uterus cases probably exceeds 600 while 263 or 43.8 per cent. of this number, were admitted.

Among males, "accessible" cancers (breast, oral cavity and skin) were responsible for 8.7 per cent. of the deaths in 1937 and 66.7 per cent. of the new cases admitted. Among females "accessible" cancers (breast, uterus, oral cavity and skin) were credited with 37.4 per cent. of the cancer deaths during 1937 and 76.8 per cent. of the new cases during 1938 were in this group.

New Cases Treated by Site and Centre of Treatment—

A summary of the new cases treated during 1938 by site of disease and clinic is given in table IV.

TABLE IV

NEW CANCER CASES TREATED BY SITE
ONTARIO CANCER CENTRES—1938

SITE OF CANCER	Hamilton	Kingston	London	Ottawa (C)	Ottawa (G)	Toronto	Windsor	ALL CENTRES
Breast	60	42	18	41	18	199	23	401
Cervix Uteri	31	16	12	16	7	96	23	201
Corpus Uteri	15	2	2	7	0	32	4	62
Lip	20	26	16	30	14	94	11	211
Tongue	5	2	2	5	4	26	2	46
Other Oral*	2	3	7	10	1	61	5	89
Air Passages†	4	6	3	2	1	19	3	38
Rectum and Anus	16	4	3	4	4	13	7	51
Skin	84	57	50	75	18	240	25	549
Ovary	6	5	4	5	2	28	2	52
Other Sites‡	59	23	29	58	28	167	31	395
TOTALS	302	186	146	253	97	985**	136	2,105**

*Includes tonsil, buccal surface of cheek, etc.
†Includes air sinuses, larynx, pharynx and nasal fossae.
‡Includes bone, vagina, other digestive tract, etc.
**Includes 10 cases treated by surgery, not included above.

Of the total new *treated* cases, the breast contributed 19 per cent., the uterus 13 per cent., the buccal cavity 16 per cent. and skin 26 per cent. or a total for these four groups of 75 per cent. Variations in this distribution are noted between the seven Centres. In 1937, cancer of the breast contributed 464 deaths or 10.2 per cent. of all cancer deaths, the uterus 356 deaths or 7.8 per cent., the oral cavity 166 deaths or 3.6 per cent. and the skin 89 deaths or 2.0 per cent.—a total of 23.6 per cent. Increases in the number of breast, uterus and oral cavity cases over the previous year is gratifying.

Stage of Disease at the Beginning of Treatment—

An important factor in a successful outcome of treatment is the stage of disease at which the patient first presents himself. This year data were collected from each Centre on stages of disease among patients treated, from the date of inauguration of each Centre to the end of 1937. These data are compared in table V with those from the follow-up cards of 1938 cases.

TABLE V

NEW CANCER CASES APPLYING FOR TREATMENT CERTAIN SITES—BY STAGE OF DISEASE ON ADMISSION ONTARIO CANCER CENTRES—1934-38

Site of Cancer	Stage of Disease	1934		1935		1936		1937		1938		1934–38	
		Cases	Per Cent	Cases	Per Cent	Cases	Per Cent	Cases	Per Cent	Cases	Per Cent	Cases	Per Cent
Breast	I	21	21.6	50	25.4	53	26.1	71	34.5	76	32.3	271	28.9
	II	37	38.1	75	38.1	78	38.4	77	37.4	105	44.7	372	39.7
	III	39	40.2	72	36.5	72	35.5	58	28.2	54	23.0	295	31.4
	Total	97	100.0	197	100.0	203	100.0	206	100.0	235	100.0	938	100.0
Cervix Uteri	I	27	20.9	19	11.5	18	11.8	30	16.5	27	14.7	121	14.9
	II	51	39.5	56	33.9	55	35.9	56	30.8	53	28.8	271	33.3
	III	34	26.4	68	41.2	62	40.5	68	37.4	84	45.7	316	38.9
	IV	17	13.2	22	13.3	18	11.8	28	15.4	20	10.9	105	12.9
	Total	129	100.0	165	100.0	153	100.0	182	100.0	184	100.0	813	100.0
Lip	I	129	75.9	131	79.9	120	68.2	127	72.6	149	74.9	656	74.2
	II	27	15.9	27	16.5	47	26.7	38	21.7	38	19.1	177	20.0
	III	9	5.3	3	1.8	7	4.0	10	5.7	10	5.0	39	4.4
	IV	5	2.9	3	1.8	2	1.1	0	......	2	1.0	12	1.4
	Total	170	100.0	164	100.0	176	100.0	175	100.0	199	100.0	884	100.0

TABLE V—Continued

NEW CANCER CASES APPLYING FOR TREATMENT
CERTAIN SITES—BY STAGE OF DISEASE ON ADMISSION
ONTARIO CANCER CENTRES—1934-38

Site of Cancer	Stage of Disease	1934		1935		1936		1937		1938		1934–38	
		Cases	Per Cent	Cases	Per Cent	Cases	Per Cent	Cases	Per Cent	Cases	Per Cent	Cases	Per Cent.
Tongue	I	7	23.3	10	34.5	4	12.9	8	21.6	10	23.3	39	22.9
	II	13	43.3	6	20.7	14	45.2	9	24.3	18	41.9	60	35.3
	III	7	23.3	10	34.5	11	35.5	19	51.4	6	14.0	53	31.2
	IV	3	10.0	3	10.3	2	6.5	1	2.7	9	20.9	18	10.6
	Total	30	100.0	29	100.0	31	100.0	37	100.0	43	100.0	170	100.0
Other Oral	I	7	13.7	11	17.2	11	16.2	13	18.1	17	23.6	59	18.0
	II	23	45.1	33	51.6	37	54.4	41	56.9	25	34.7	159	48.6
	III	13	25.5	14	21.9	14	20.6	16	22.2	21	29.2	78	23.9
	IV	8	15.7	6	9.4	6	8.8	2	2.8	9	12.5	31	9.5
	Total	51	100.0	64	100.0	68	100.0	72	100.0	72	100.0	327	100.0
Skin	I	314	83.1	402	90.3	368	79.1	422	80.5	437	87.4	1,943	84.0
	II	47	12.4	32	7.2	80	17.2	75	14.3	53	10.6	287	12.4
	III	13	3.4	9	2.0	11	2.4	20	3.8	8	1.6	61	2.6
	IV	4	1.1	2	.4	6	1.3	7	1.3	2	.4	21	0.9
	Total	378	100.0	445	100.0	465	100.0	524	100.0	500	100.0	2 312	100.0

NOTE:—Data cover: all clinics for years 1935-1938, Toronto, Hamilton, Kingston and Ottawa Civic for 1934.

In breast cases some encouragement may be taken from the progressive increase in cases presenting themselves for treatment while the disease is still localized in the breast (stage I). For this site, the percentage of stage I cases has increased from 21.6 in 1934 to 32.3 in 1938. For cases of cancer of the cervix uteri, oral cavity and skin—no such encouraging sign is evident. In all groups the high proportion of moderately advanced or advanced cases is striking.

Only 76 or 32 per cent. of new breast cases during 1938 were recorded as stage I, while 23 per cent. were in stage III on admission. Of 184 new cases of cancer of the cervix uteri, only 27 or but 15 per cent. were stage I, while over 56 per cent. were in stages III and IV. Excluding skin cases (of which over 87 per cent. were stage I) only 31 per cent, of the patients presented themselves for treatment before local spread, extension or metastasis had occurred.

The figures presented in table V are not reassuring. In 1937, 34.3 per cent. (815 deaths) of the total cancer deaths among women in Ontario were attributed to cancer of breast and uterus. Material reduction of the female cancer death rate is to be expected if earlier treatment can be brought about. The facts presented are not new but they should serve to renew and strengthen the efforts of those concerned with active public and professional education.

Among the new cases during 1938, marked differences were found in the stage distribution of private and public cases. For instance, only 9 per cent. of the new public cases of cancer of the cervix uteri presented themselves for treatment before local spread or netastasis had occurred, compared with 25 per cent. in the private group. For cancer of the oral cavity the figures were—public 40 per cent. and private 68 per cent, and for breast cases—public 25 per cent. and private 35 per cent. The known marked differences in survival rates between early and late cases demand careful exploration and application of these findings.

Classification of New Cases Admitted During 1938—

A general summary of the new cancer cases admitted during 1938 is given in table VI. The designations used are "primary", "previous" and "recurrent." These are defined as follows:—

Primary—Cases admitted for treatment of the primary growth (which is still present at the time admitted, regardless of any treatment by radiotherapy or other means, before reaching the clinic).

Previous—Cases admitted for complementary treatment after the original growth has been removed by operation or by other procedure, elsewhere.

Recurrent—Cases admitted with a growth either at the original site or in the form of an extension or metastasis, who have received treatment previously elsewhere and been considered free from disease.

It should be noted that these data refer to *new* cases only and therefore do not indicate the frequency of recurrences among "primary" or "previous" cases treated at the clinics in earlier years.

TABLE VI

CLASSIFICATION OF NEW CASES ADMITTED DURING 1938
ONTARIO CANCER CENTRES

Site of Cancer	Classification				Total
	Primary	Previous	Recurrent	Not Treated*	
Breast	118	217	66	7	408
Cervix Uteri	184	6	11	0	201
Corpus Uteri	37	18	7	0	62
Oral Cavity	327	3	16	5	351
Air Passages	36	1	1	1	39
Rectum and Anus	44	2	5	8	59
Skin	491	28	30	3	552
Other Sites	345	79	23	43	490
Total	1,582	354	159	67	2,162
Per Cent	73.2	16.4	7.3	3.1*	100.0

*Excluding not treated cases at Toronto Clinic.

The total number of cases admitted with recurrences was 159 (excluding 7 untreated, at Toronto Clinic). This is 7.3 per cent. of all cases. Recurrent cases were most prominent in the breast, there being 66 such cases or 16 per cent. of all breast cases admitted. At a later date and for presentation in a subsequent report, an examination will be made of the nature of previous treatment received elsewhere by patients in the "previous" and "recurrent" categories, before reaching the clinics.

Histological Confirmation of Clinical Diagnosis—

For 1,501 of 2,204 new patients, a pathological report was available. Table VII gives the frequency of histological examination by site of disease.

TABLE VII

HISTOLOGICAL EXAMINATION IN NEW CANCER CASES
ONTARIO CANCER CASES—1938

Site of Cancer	Pathol. Done		No Path. Exam.		No Data		Total*	
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub	Priv.	Pub.
Breast	169	100	34	13	63	29	266	142
Cervix Uteri	64	119	1	9	5	3	70	131
Body of Uterus	26	25	3	4	3	1	32	30
Oral Groups	147	129	41	19	9	6	197	154
Air Passages	15	14	3	2	3	2	21	18
Rectum and Anus	15	18	13	5	5	3	33	26
Other Sites	415	245	198	76	65	43	678	364
Total Cancer	851	650	293	128	153	87	1,297	865
Per Cent	65.6	75.1	22.6	14.8	11.8	10.1	100.0	100.0

*These figures exclude not treated cases in Toronto Clinic as follows: Breast 6, Oral Group 5, Air Passages 3, Rectum and Anus 3, Other Sites 25.

In two-thirds of all private cases and in three-quarters of public cases a tissue examination was done. Histological confirmation was most frequent in cervix uteri cases (91 per cent.). For all sites the percentage was 69.4. In oral and breast cases, the percentage of cases confirmed histologically was much higher than in the data reported by the National Radium Commission (65.9 and 78.6 compared with 33.4 and 45.0). In skin cases the frequency of biopsy was lowest, being 48 per cent, in private cases (230 out of 477) and 41 per cent. in public cases (89 out of 217).

A review of the figures on histological examination in breast, uterus, oral, air passages and rectum cases only, for each Centre, indicated quite wide variations in the frequency of biopsies, from clinic to clinic. The precentage of cases in which such examination was conducted was as follows—Hamilton, 64 per cent.; Kingston, 56 per cent.; London, 81 per cent.; Ottawa (Civic), 85 per cent.; Ottawa (General), 61 per cent; Toronto, 79 per cent., and Windsor, 83 per cent.

Method of Treatment—

Data on the follow-up cards for 1938 indicated the treatment each new patient was given *during the year.* From these data the general groupings of treatment are given in table VIIIa.

TABLE VIIIa

METHOD OF TREATMENT OF NEW CASES DURING 1938

(Recurrences Excluded)

TREATMENT	SITE OF DISEASE								TOTAL	
	Breast	Cervix Uteri	Corpus Uteri	Oral Cavity	Air Passages	Rectum	Skin	Other Sites	No.	Per Cent.
X-Ray	50	30	12	32	21	17	105	221	488	24.4
Radium	3	16	11	189	7	5	345	19	195	29.7
Radium & X-Ray.	14	126	10	87	5	4	32	26	304	15.2
Surgery & X-Ray	245	9	12	2	1	12	4	123	408	20.4
Surgery & Radium.	0	1	3	16	1	0	30	7	58	2.9
Surg., Rad., X-Ray	17	8	6	3	2	2	0	7	45	2.2
Not Treated*	7	0	0	5	1	8	3	43	67	3.3
Surgery Alone	6	0	1	1	0	6	3	21	38	1.9
Total	342	190	55	335	38	54	522	467	2,003	100.0

*Excluding Toronto Cases.

Of all treated cases (recurrences excluded) 595 patients out of 1,936 were treated by radium alone. This is 30.7 per cent. a figure markedly influenced by inclusion of the skin cancers of which two-thirds were treated by radium alone. Radium alone or with X-ray, surgery or both, was used in 1,002 or 51.7 per cent. of new cases (recurrences excluded). The distribution by site can be readily ascertained from the table.

Data on methods of treatment by clinic are given in table VIIIb.

TABLE VIIIb

METHOD OF TREATMENT OF CANCER CASES BY CENTRE—1938

(Recurrences Excluded)

Treatment	Hamilton	Kingston	London	Ottawa (C)	Ottawa (G)	Toronto	Windsor	All Centres	
								Cases	Per Cent.
X-Ray	159	38	29	40	32	155	35	488	25.2
Radium	22	67	59	79	8	350	10	595	30.7
Radium & X-Ray	31	16	10	58	17	123	49	304	15.7
Surgery & X-Ray	77	47	26	47	16	182	13	408	21.1
Surgery & Radium	3	7	5	3	0	38	2	58	3.0
Surg., Rad., & X-Ray	3	0	1	1	2	29	9	45	2.3
Surgery Alone	0	3	2	14	13	0	6	38	2.0
Total Treated Cases	295	178	132	242	88	877	124	1,936	100.0

These data show marked variations from clinic to clinic in the number of patients in whom radium was used, either alone or in combination with other methods of treatment. In Hamilton, radium was used in only 59 cases or 20 per cent. of patients, at the Ottawa General in only 27 or 31 per cent. In the other Centres the proportions were 51, 57, 58, 67 and 56 per cent. respectively at Kingston, London, Ottawa (Civic), Toronto and Windsor. Differences in case distribution alone do not fully account for those variations.

Cases Not Treated—From five Centres, cards were submitted for patients who had presented themselves for treatment, but who were not treated. Of a total of 99 such patients, 11 were breast cases, 10 oral cavity, 4 upper air passages, and 10 rectum. There were no uterus cases in the group. Among the reasons recorded for non-treatment were—too advanced (60), refused treatment (17), failed to return (6), died before treatment (6) and age or complicating disease (4).

Arrangements are being made for the collection of more complete data in future years. At the moment, interest centres especially on the 60 patients who were considered too advanced for treatment. This is about 3 per cent. of all cases admitted and adds further emphasis to previous findings as to the stage of disease when patients present themselves for treatment.

Age and Sex of New Patients Admitted During 1938—

The two sexes were approximately equally represented among the new cancer cases during 1938, with slight female excess. This female excess is marked at ages under 60 years, after which males predominate. Of the male cases, 37.5 per cent. were under 60 years and of the female cases 59.0 per cent. Table IX gives the age and sex distribution of the 2,204 new patients admitted during 1938 by site.

TABLE IX

TOTAL NEW CASES ADMITTED DURING 1938—BY AGE AND SEX

ONTARIO CANCER CENTRES

Site of Cancer	Under 40		40-49		50-59		60-69		70-79		80 and over		Not Stated		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Breast	1	43	3	90	2	131	1	76	1	46	0	6	0	14	8	406
Cervix Uteri	0	44	0	56	0	47	0	38	0	10	0	1	0	5	0	201
Body	0	5	0	8	0	19	0	21	0	4	0	2	0	3	0	62
Lip	12	0	18	0	43	1	61	1	52	2	18	3	2	0	206	7
Tongue	2	0	4	2	11	1	10	3	12	0	2	1	0	0	41	7
Other Oral	5	1	5	0	14	1	31	5	27	3	1	0	2	0	85	10
Upper Air Passages	1	0	10	4	10	1	7	3	4	2	0	0	0	0	32	10
Rectum and Anus	1	4	3	8	13	8	8	6	5	4	0	0	2	0	32	30
Skin	17	10	16	18	57	42	100	48	97	59	46	30	12	4	345	211
Other Sites	48	42	36	44	53	64	69	50	38	24	10	2	24	7	278	233
Total Cancer Cases	87	149	95	230	203	315	287	251	236	154	77	45	42	33	1,027	1,177
Per Cent. (by sex)	8.4	12.7	9.3	19.5	19.8	26.8	27.9	21.3	23.0	13.1	7.5	3.8	4.1	2.8	100.0	100.0
Ratio Males to Females	0.58		0.41		0.64		1.14		1.53		1.71		1.27		0.87	

The marked female excess in breast cancer and the similarly marked male excess in oral cancers are striking. These data should be compared with the mortality figures given in the second annual statistical report on cancer (See Thirteenth Annual Report of the Department, 1938, p. 160).

Hospitalization of Cancer Cases—

This year data on the hospitalization of cancer patients treated in the clinics were complete, except for private cases at Toronto. A summary of the new cancer patients hospitalized by site of disease is given in table X.

TABLE X.

HOSPITALIZATION OF NEW CASES DURING 1938

ONTARIO CANCER CENTRES

SITE	Private			Public			TOTAL	
	Pts.	Days	Av. Stay	Pts.	Days	Av. Stay	Pts.	Days
Breast	74	1,395	18.9	53	1,906	36.0	127	3,301
Cervix Uteri	35	416	11.9	84	3,786	45.1	119	4,202
Body of Uterus	14	308	22.0	15	581	38.7	29	889
Oral Cavity	28	291	10.4	51	1276	25.0	79	1,567
Air Passages	8	77	9.6	9	556	61.8	17	633
Rectum and Anus	23	913	39.7	15	973	64.9	38	1,886
Other Sites	142	2,815	19.8	132	6,148	46.6	274	8,963
ALL SITES	324	6,215	19.2	359	15,226	42.4	683	21,441

There is a strikingly greater average length of stay in hospital in the public over the private group, for each site. Of the new private cases treated, 25.4 per cent. were hospitalized and of the public cases 43.5 per cent. Gross averages for each Centre were found to vary markedly but these are of course influenced by the varying proportion of cases of different sites and stages.

Collective hospital days were translated into beds per year for each Centre, assuming a 75 per cent. occupancy of such beds. Exclusive of private patients at the Toronto clinic, the total collective days stay of all *new* cancer patients during 1938 was equivalent to 78 beds per year (Hamilton 7.3, Kingston 4.5, London 10.9, Ottawa Civic 21.9, Ottawa General 10.9, Toronto [public only] 16.8 and Windsor 6.1). This takes no account of old cases readmitted for further treatment or observation and these contribute significantly to the total hospital cancer days. Present legislation provides for 20 beds at Kingston and London and 50 at Toronto.

Professional Interest in the Clinic Service—

There are some 4,200 physicians in practice in Ontario. A review of the follow-up cards was made for the seven clinics to determine the number of different physicians who had referred cases for treatment. The findings are presented in table XI.

TABLE XI

REFERRING PHYSICIANS BY CENTRE

CALENDAR YEAR, 1938

Centre	New Cases on Record	No of Different Referring Physicians	Different Physicians Per New Case
Hamilton	302	133	0.44
Kingston	186	97	0.52
London	155	78	0.50
Ottawa (C)	281	132	0.47
Ottawa (G)	113	43	0.38
Toronto	1,017	520	0.51
Windsor	150	68	0.45
Total	2,204	1,071	0.49

Thus 1,071 *different* physicians or 25 per cent. of the total number practising in Ontario referred one or more cases to the clinics during the year. This is a ratio of one referring physician for every two new cases admitted and is encouraging evidence of the wide public and professional interest in and recognition of the work being done by the Ontario cancer clinics.

Geographic Distribution of Clinic Patients—

In 1938, for the first time, it has been possible to determine the distribution of the new cancer patients admitted to the seven Centres, by area of residence. An examination of these data has shown that the case load is highest among the population in and about the county where a clinic is located. Thus, the case load per 100,000 population varied from 134 in Fraontenac, 109 in Carleton, 109 in Wentworth, 80 in Essex and 66 in Middlesex to 19 in Brant, 37 in Bruce, 40 in Elgin, 40 in Glengarry, 45 in Grey, 32 in Kent, 22 in Lambton, 27 in Norfolk, 37 in Oxford, 34 in Peterborough, 37 in Prescott, 37 in Waterloo, and 31 in Welland. The case rate for the province as a whole was 58. York peculiarly enough has a case rate below that of the whole province—52 per 100,000 population. All these variations will be followed in future because of the significance which they have as an index of patients reaching the clinics from various areas. The cancer death rate also shows variations from county to county but bears no constant relation to the fluctuations in the case rate nor are they of as large an order. Despite the strategic location of the Centres, distance among other factors appear to be exerting a strong influence on the number of patients reaching the clinics for treatment. The low case load in counties lying between the clinic centres is evidence in support of this contention.

Non-Cancer Cases—

During 1938, a total of 1,580 new non-cancer cases were treated in the clinics. Of this number 722 were patients with benign tumours and 858 were patients with various non-neoplastic conditions. A summary of these cases is given in table XII.

TABLE XII

TOTAL NEW NON-CANCER CASES—1938

Non-Malignant Tumours		Non-Neoplastic Diseases	
Diagnosis	No. of Pts.	Diagnosis	No. of Pts.
Angiomata	143	Asthma	13
Cysts (various)	27	Actinomycosis	22
Fibromata	52	Cervicitis	19
Keloid	30	Fibrosis Uteri	8
Keratosis	121	Hyperthyroidism	28
Leukoplakia	32	Infections, n.s.e.*	209
Moles, naevi	39	Mastitis	31
Papillomata	37	Menorrhagia and Metrorrhagia	201
Polypi	12	Parotitis	33
Warts	183	Pruritus	12
Others	46	Skin Diseases (various)	134
		Thymic enlargement	50
		Others	98
Total	722	Total	858

*Including cervical adenitis, ulcers, chronic inflammation, etc.

The frequency of "precancerous" lesions such as keratosis and leukoplakia is of note, these two contributing 152 patients. An effort will be made in future to collect data on the after-history of these cases.

MEDICAL STATISTICS

A. Hardisty Sellers, B.A., M.D., D.P.H., *Medical Statistician*

On the Activities of the Division During the Year.

During 1938, the activitiesof the Division of Medical Statistics were further extended. The major part of the time of the staff has been devoted to the three projects outlined in the 1937 report namely—a study of public hospital morbidity and costs, the development and study of cancer clinic records and routine and research analyses of Ontario Hospital statistics. In each of these three fields of interest, the programme was materially extended and the usefulness and activity of the Division substantially increased. The following statement indicates the highlights of the year's work.

I. Cancer Control—(*a*) *Ontario Cancer Clinic Statistics.*

In August, 1937, a plan of uniform case recording and follow-up was introduced into the seven cancer centres. The Government investment for radium alone in these centres is $400,000.00 and, in addition, annual grants amount to $86,000.00. These centres are an important source of information on cancer and its treatment. The uniform record scheme which was designed by this Division in co-operation with the Directors of the seven centres, will go a long way toward making good use of the data which is being accumulated. The new records were submitted to a year of trial and at a special conference of Directors in November, 1938, were reviewed in detail. At this time the follow-up cards, one of which is completed for each new patient, were approved for future use. Plans were made, however, for a revision of the history and examination forms, which revision will be completed during 1939.

The Cancer Clinic Statistics presented elsewhere in this report (pages 179 to 193) were secured through the operation of the new record plan under which the follow-up cards of all patients are forwarded annually to the Department for review and analysis. The statistical investigations already made have contributed knowledge of an important adminsitrative and clinical character. Information concerning the source of patients treated in the clinics, the duration and nature of symptoms, stage of disease at the time of admission, etc., is much needed and one year's operation of the uniform record scheme has clearly defined the effectiveness of the new plan.

In order to assist the Directors of the clinics in the various aspects of recording, at least two visits were made to each clinic during the year. In this way difficulties experienced with the new plan are reduced to a minimum. Indeed, considerable time has been devoted during the year to inspection and supervision. Preliminary steps were taken toward complete revision of the Memorandum on Cancer Recording issued in 1937. The new memorandum will be considerably extended in detail and will cover points shown by experience during 1938, to need certain clarification.

(*b*) *Cancer Mortality.*

During 1938, the detailed study of cancer mortality in Ontario during the last thirty years was continued and some of the essential findings have been incorporated in a recent publication. Some of these data are included in the

Third Statistical Report on Cancer elsewhere in this document. Considerable assistance in directing cancer programmes may be anticipated from such a statistical analysis of available data.

(c) *Cancer Morbidity.*

During 1938, an investigation was initiated covering all cancer patients discharged or dying of cancer in all public hospitals in Ontario during 1937. This review will by no means give a complete picture of cancer morbidity but it *will* indicate the extent to which cancer cases are hospitalized, the mortality in hospital, the areas from which patients come, the relative importance of various cancer sites among hospitalized cases, as well as the contribution which cancer makes to hospital costs. In this review non-malignant tumors have been included for purposes of comparison. Up to the end of 1938 the available data had been transcribed for some 4,000 patients and tabulation is expected to be completed during 1939.

II.—Public Hospitals—

The comprehensive study of general morbidity in public hospitals, which was begun in 1937, was continued throughout 1938. It was found necessary, however, to limit the scope of the study to patients discharged during the three month period ending December 31, 1936, and patients in residence on March 31st, 1937. This work consumed the greater part of the available time of the staff during the year. Both coding of data and punching of Hollerith cards were completed during the year. Thus 35,000 cases were coded and 45,000 cards were punched, completing the preparation of 65,000 cases for analysis. The items coded and punched for analysis include hospital, place of residence, date of admission, age, sex, ward accommodation, rate paid, days stay, diagnosis, outcome, and Government grant. On November 1st, sorting and tabulation of the cards was begun using a high speed sorter and an alphabetical tabulator. Mechanical tabulation will be completed sometime during February or March. The formal report on this investigation will be completed during 1939.

In addition to the study of hospital discharges, a review of available statistical information on public hospitals from 1900 to 1938, including bed accommodation, patients treated, days stay. income and expenditures, etc., was commenced. This further work was undertaken to complete the picture provided by the more laborious morbidity study. The object of this second study is to ascertain the present position in respect to hospitalization in the Province, and to determine where possible the presence of significant trends in relation to known variable factors such as extent of hospital facilities, economic and social changes, increase in population, etc.

III. Mental Hospitals—

During 1938, preparatory work was done for a revision of the annual report forms used by Ontario Hospitals, and from which this Division prepares the annual report for the Province. The monthly report schedules were revised during the year in the light of administrative needs. The revision of the annual report forms, however, is more difficult and significant since it will considerably enhance the scope of the statistical report. It is planned to introduce the new forms beginning with the year ending March 31, 1939. A review of the statistical cards used in reporting admissions, discharges, deaths, etc., has also been made and during 1939 each of the twelve cards will be revised, bringing them into line with newer practice and newer requirements in hospital recording.

On April 1, 1938, a new classification of mental disorders was introduced for use in Ontario Hospitals. The new classification is that approved by the Council of the American Psychiatric Association in 1934. This new nomenclature will be incorporated in the revised annual report schedules for the year ending March 31, 1939, and will as a result be introduced throughout Canada.

Several special studies were made during the year, dealing with patients admitted to Ontario Hospitals on a warrant of remand, accidents occurring in the institutions, etc. In this field of special study and research, plans are being made to introduce the publication of bi-monthly statistical bulletins dealing with various aspects of Ontario Hospital statistics. These publications will be prepared and issued as the ten-year study of statistical data which was begun during 1937, proceeds. The first bulletin will be issued in March, 1939.

IV. PNEUMONIA—

During 1938 a statistical study was made of pneumonia mortality in Ontario covering the fifteen-year period 1921-1936. This review dealt with the essential features of the pneumonia problem and served to emphasize the general nature and scope of it. In addition, a study was made of pneumonia cases hospitalized in the seven largest public hospitals in the province during the year ending September 30th, 1937. These seven centres treat 30 per cent. of all patients hospitalized in general hospitals during a year. The object was to inquire into the relative importance of pneumonia as a cause of sickness and hospitalization and to secure an estimate of the probable number of pneumonia cases requiring treatment annually. The total number of estimated cases was placed at about 11,000. A report upon this work was presented at the twenty-fourth annual meeting of the Ontario Health Officers Association in June, 1938, and subsequently published.

V. GENERAL PUBLIC HEALTH STATISTICS—

During the year an increasing amount of statistical work has been done in co-operation with other Divisions of the Department. This type of service is one of the fundamentally important tasks of this Office. Each year this office issues two bulletins dealing with the chief causes of death. These bulletins present a review of the essential features of the mortality picture in the Province with the object of advising the administrative officers of the Department thereon. The preparation or assistance in the preparation of mortality and morbidity data together with direction in the interpretation thereof has come to be a principal function. The compilation of statistics on regional variations in mortality for certain causes of death, the after-history of patients treated in Sanatoria, mortality from diseases transmitted by raw milk, occupational and social variations in cancer mortality, are some of the many pieces of work done in this way. Further work was also done during 1938 in the preparation of statistics on the chief problems of public health concern, particularly infant mortality.

All aspects of the programme of this Division are being developed and conducted with the object of assuring an effective approach to all phases of the Department's public health and hospital programme and responsibilities.

ON THE CHIEF CAUSES OF DEATH IN ONTARIO DURING 1937

Official data for 1937 permit a commentary upon some of the essential features of the general mortality picture for Ontario during the year.

The crude death rate for 1937 showed a slight increase to 10.37 per 100,000 population over the figures for 1935 and 1936 which were 9.89 and 10.18 respectively. This increase reflects the influence of the "ageing" of the population on the *crude* death rate and, a substantial increase in deaths attributed to influenza. Data on the twenty chief causes of death are given in table I.

TABLE I

CHIEF CAUSES OF DEATH--ALL AGES

ONTARIO, 1937

Order	Cause of Death	Int'l List Numbers	Number of Deaths	Specific Death Rate*	Percent. of Total Deaths
1.	Diseases of the Heart	90-95	7,226	194.7	18.78
2.	Cancer (all forms)	45-53	4,527	122.0	11.77
3.	Diseases of the Arteries	96-99	4,036	108.7	10.49
4.	Pneumonia and Bronchitis	106-109	2,680	72.2	6.97
5.	Accidents	176-195	2,433	65.6	6.32
6.	Nephritis	130-132	1,946	52.4	5.06
7.	Influenza	11	1,659	44.7	4.31
8.	Tuberculosis (all forms)	23-32	1,315	35.4	3.42
9.	Prematurity	159	1,044	28.1	2.71
10.	Cerebral Haem., Embol., Thrombosis	82	770	20.7	2.00
11.	Idiopathis Abnorm. of Bl. Pressure	102	713	19.2	1.85
12.	Diarrhoea, Enteritis and Dysentery	13, 119, 120	601	16.2	1.56
13.	Diabetes Mellitus	59	579	15.6	1.50
14.	Congenital Malformations	157	490	13.2	1.27
15.	Diseases of the Prostate	137	479	12.9	1.24
16.	Senility	162	439	11.8	1.14
17.	Hernia, Intestinal Obstruction	122	415	11.2	1.08
18.	Appendicitis	121	370	10.0	0.96
19.	Suicide	163-171	366	9.9	0.95
20.	Puerperal State	140-150	319	8.6	0.83
	Total		32,407	8.73‡	84.23
	All Other Causes		6,068	1.64‡	15.77
	Grand Total		38,475	10.37‡	100.00

*Rates per 100,000 population. ‡Rates per 1,000 population.
Population of Ontario, 1937 (estimated), 3,711,000.

These causes contributed 84.23 per cent. of all deaths during the year. Figure 1 gives some idea of the relationship of the first twelve "causes." Degenerative diseases of the heart, arteries and kidneys continue to play a major role in mortality. These three contributed 34.33 per cent. of all deaths during the year. At the other end of the life span, prematurity, congenital malformations, and diarrhoea and enteritis, the principal toll of which as a group occurs at ages under 1 year, contributed 5.54 per cent. of all deaths. In the sections which follow, comments are made on several of the chief causes of death which appear in table 1 and figure 1.

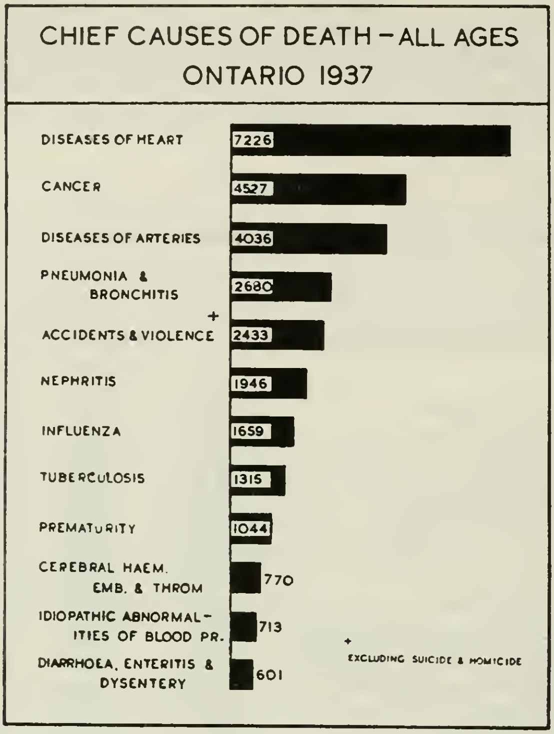

FIGURE 1

Cancer.

The volume of deaths attributed to cancer continues to rise. During 1937, 11.8 per cent. of all deaths certified were classed to cancer. Considerably more information on this problem is being brought forth as a result of statistical research (1). English studies for example have shown that there are marked variations in cancer mortality rates by site, from community to community (2). Work recently published in the decennial supplement by the British Register Office shows that cancer mortality rates exhibit a similar progressive increase as the social scale descends, *for both males and females* (3). This tends to suggest that occupational influences on male cancer mortality are of slight importance compared with environmental and economic conditions of home life. Cancer of the skin shows a similar gradient in females as in males and hence purely occupational factors may not be the sole, nor indeed perhaps the most important ones involved. The fact that 60 per cent. of all cancer deaths in Ontario occur at ages under 70 years and that one fourth of all the deaths are attributed to cancers of accessible sites, emphasizes this disease as one of significant importance in relation to the public health.

Accidents.

Accidents continue to contribute substantially to the annual death rate (4). In 1937, 2,433 deaths or 6.32 per cent. of all deaths were classed to accidents. This is a significantly lower figure than that for 1936 due to the reduction in the number of deaths attributed to excessive heat which numbered 65 in 1937 compared with 702 in 1936. Of the deaths classed to accident during 1937, 774 were attributed to motor accidents and a further 305 to accidental drowning.

The importance of motor accidents is further emphasized by the fact that there were 12,092 persons non-fatally injured in motor accidents during the year, a ration of 16 persons injured to each death (5). A recent study published by the Dominion Bureau of Statistics shows too that a large proportion of deaths classed to accidents occur in the home (6). Scientific research, in industrial and traffic accidents at least, suggests that many accidents can be explained by physiological and psychological defects or maladjustments in the persons involved and that increasing attention is being paid to the "human factor."

Influenza.

The death rate from influenza has markedly increased since 1935 and 1936 when 958 and 722 deaths respectively were classed to this cause. In 1937, 1,659 deaths were attributed to influenza. That this increase is not spurious is borne out by the 8-fold increase in the number of reported cases of influenza during 1937, over the two preceding years. In 1937, 13,330 cases were reported to the Department, 94 per cent. of which were reported in January, February and March, and over 50 per cent. in February alone (7). The 8-fold increase in cases compared with a 2-fold increase in deaths suggests either an unusual prevalence of mild fatality or a large number of cases wrongly reported as influenza. By its nature influenza is subject to fluctuations in incidence and mortality and such have been reflected in the death records of Ontario since 1897 (8). The influenza death rate for 1937 of 44.7 per 100,000 population is the highest recorded in the Province since 1929. While variations in diagnosis may account in part for some fluctuation, such marked increase establishes definitely the presence of an unusual prevalence of a disease of significant fatality.

Pneumonia.

The death rate from pneumonia remained practically unchanged during 1937, one death in every 14 being attributed to it. The idea that pneumonia is significant as a cause of death only in infancy and old age is untenable (9). It is a leading cause of death in every age-group and at ages 1-4 years pneumonia ranks first in importance. Fifty-five per cent. of pneumonia deaths occur at ages under 65 years and 48 per cent. of lobar pneumonia deaths occur at ages 10-64 years.

Tuberculosis.

The tuberculosis death rate registered a new low in 1937 at 35.4 per 100,000 population. The decline in mortality from this cause has been gratifying and, with the extension of facilities for treatment and diagnosis, cannot but be expected to continue. The most significant recent observation is that the death rate at ages 20-29 years, formerly the highest of any age group, has been exceeded since 1934 by that for the age group 60 years and over. This is a definite gain since it has been accomplished, not by an increase in mortality at ages 60 and over, but by a persistent decline at ages 20-29 years.

Diabetes.

The diabetes death rate continues to increase (10). This persistent increase is remarkable in that it is strikingly age-limited. There has been a steady *decline* in the proportion of diabetes deaths occurring at ages under 50 years—in 1909, 48 per cent. of diabetes deaths occurred in the age group under 50 years, while in 1937 only 13.3 per cent. occurred at these ages. Conversely, while formerly over 50 per cent. of diabetes deaths fell at ages 50 years and over, now 85 per cent. or more occur at these ages. A decline in the specific death rate from diabetes has occurred in each age-group up to 50 years and an increase in *recorded* mortality is limited particularly to the age-groups 60 and over. Increasing accuracy of diagnosis, increasing certification of diabetes at older ages, postponement of death to a later age through the use of insulin and the influence of statistical rules of preference where multiple causes are stated on the death certificate, are factors contributing to this picture. Using English data, Stocks has computed the average lengthening of life among diabetics since the introduction of insulin at 3½ years in the gross (11). This finding was based on all deaths and is undoubtedly much lower than the figure which would be obtained if treated cases only were considered. Ontario data yields similar evidence (12).

Diarrhoea, Enteritis and Dysentery.

The death rate from diarrhoea, enteritis and dysentery increased from 12.9 per 100,000 (465 deaths) in 1935, to 15.1 (588 deaths) in 1936, and again to 16.2 (601 deaths) in 1937. This is an increase of over 20 per cent. since 1935. Fluctuations are to be expected in diseases of this nature, but the fact remains that of the deaths attributed to these causes in 1937, 411 or 68.4 per cent. occurred at ages under 2 years and 61 per cent. occurred among infants under the age of one year. That is to say, more than 10 per cent. of the infant deaths which occurred during the year were attributed to diarrhoea and enteritis. Both bacteriological and clinical studies have shown that these deaths are preventable in character (13). During the last ten years there has been an almost dramatic decline in the recorded deaths from these causes, a decline which amounts to about 50 per cent. In large municipalities the reduction has been most striking. Everywhere periodic fluctuations are recorded at intervals of 1 to 3 years, fluctuations to the extent of from 50 to 100 per cent. In Toronto, Hamilton and Windsor the death rate from diarrhoea, enteritis and dysentery under the age of 2 years has, since 1935, been the lowest ever recorded.

Maternal Deaths.

The maternal death rate remained at about the same general level during 1937, 319 such deaths occurring during the year. Of these 45 or 14 per cent. were attributed to abortion, 36 or 11 per cent. to haemorrhage, 65 or 20 per cent. to puerperal sepsis and 87 or 27 per cent. to puerperal toxaemias. In addition there were 22 deaths classed to embolism and 30 to other accidents of childbirth. The maternal death rate for 1937 was 5.2 per 1,000 live births, compared with 5.7 in 1936 and 5.0 in 1935.

CAUSES OF DEATH AT CERTAIN AGES

The principal causes of death in each of the age groups of special public health interest in infancy, childhood, adolescence and the productive period of adult life during 1937 are presented in succeeding sections of Table II. Here may be found the eight chief causes of death for a specified age group, the number of deaths classed to each and the percentage of all deaths at that age which were due to each specified cause. The two columns at the right of the table indicate the number of deaths from the specified cause which occurred at all ages during the year and the per cent. of all deaths from this cause which occurred at the specified age.

Infancy.

Deaths among infants during the first year of life remained about the same as in 1936, at 55 per 1,000 live births. Mortality under one month of age also remained at the same level—31 per 1,000 live births or over 56 per cent. of all deaths under one year. Diarrhoea, enteritis and dysentery were responsible for over ten per cent. of all infant deaths during the year and 61 per cent. of the deaths classed to this group at all ages, occurred under one year of age. Almost one-third of all deaths under one year are classed to prematurity. Data on the fundamental causes of prematurity in these cases is needed. These deaths reflect morbid factors of maternal and placental origin. Lacking a preventive approach, measures directed toward the scientific care of the premature infant have been rewarded substantially. Measures which exert an influence on the fundamental causes of prematurity, however, are the only ones from which any marked reduction may be expected.

The Pre-School Age Group.

Pneumonia ranked first at ages 1-4 years. Accidental causes ranked second, causing 146 deaths of which 45 were due to motor accidents, 26 to accidental drowning and 38 to accidental burns. The six groups—pneumonia, accidents, diarrhoea and enteritis, influenza, whooping cough and tuberculosis contributed two-thirds of all deaths at these ages. Tuberculosis fell from fourth to sixth place in 1937, being displaced by influenza and whooping cough. Diarrhoea, enteritis and dysentery ranked fourth with 8.9 per cent. of the deaths. Appendicitis appears in this age group with 30 deaths. This fact and the reduction in deaths from tuberculosis are significant changes at these ages during the year.

The School Age Group.

Accidental causes again claimed three times as many deaths as any other cause among children aged 5-14 years, being responsible for one death in every four. Eighty-eight out of the 204 deaths in this category were motor fatalities and 66 were accidental drownings. Appendicitis is the second chief cause and about one-fifth of all deaths attributed to appenditis occurred at ages 5-14 years. A significant reduction in tuberculosis deaths occurred in 1937.

The Adolescent Period.

Accidental causes with 117 deaths ranked first again at ages 15-19 years and tuberculosis returned to second position among the chief causes as in 1935. Two deaths in every nine were deaths from accidental causes. Sixty of the 117 deaths were due to motor accidents and 30 to accidental drowning. A reduction of twenty per cent. in the tuberculosis deaths, compared with 1936, occurred at these ages.

Ages 20-49 Years.

Accidental and violent causes continued to rank first as a cause of death at ages 20-49 years. Tuberculosis remained a close second and contributed 12.0 per cent. of the deaths. It is especially significant from the public health standpoint, that 55.5 per cent. of all tuberculosis deaths occurred during this age period, that more than two-thirds occurred at ages under 50 years and four-fifths under 60 years. Diseases of the heart and cancer ranked third and fourth, respectively, each contributing more than 10 per cent. of the deaths. Deaths attributed to puerperal causes ranked sixth in this table but among females alone this group ranked third, being exceeded only by tuberculosis and cancer.

TABLE II

CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS

ONTARIO, 1937

Cause of Death	Deaths in Age Group	Percent. of Deaths in Age Group Due to Specified Cause	Deaths Due to Specified Cause at All Ages	Percent. of Deaths Due to Specified Cause in Age Group
Age Under 1 year	3,382	....	....	....
1. Prematurity	1,044	30.9	1,044	100.0
2. Congenital Malformations	428	12.7	490	87.3
3. Pneumonia and Bronchitis	391	11.7	2,680	14.6
4. Diarrhoea, Enteritis and Dysentery	367	10.9	601	61.1
5. Injury at Birth	259	7.7	259	100.0
6. Dis. Pec. to Early Infancy*	215	6.4	215	100.0
7. Influenza	131	3.9	1,659	7.9
8. Congenital Debility	100	3.0	100	100.0
Totals for 1-8	2,935	87.2	7.048	41.6
Ages 1-4 years	872	....	....	....
1. Pneumonia and Bronchitis	154	17.7	2,680	5.7
2. Accidents and Violence‡	146	16.8	2,433	6.0
3. Influenza	88	10.1	1,659	5.3
4. Diarrhoea, Enteritis and Dysentery	78	8.9	601	12.8
5. Whooping Cough	41	4.7	104	39.4
6. Tuberculosis (all forms)	39	4.5	1,315	3.0
7. Appendicitis	30	3.4	370	8.1
8. Congenital Malformations	26	3.0	490	5.3
Totals for 1-8	602	69.1	9,652	6.2
Ages 5-14 years	819	....	....	....
1. Accidents and Violence‡	203	24.8	2,433	8.3
2. Appendicitis	69	8.4	370	19.0
3. Pneumonia and Bronchitis	62	7.6	2,680	2.3
4. Tuberculosis (all forms)	55	6.7	1,315	4.2
5. Influenza	36	4.4	1,659	2.2
6. Acute Rheumatic Fever	31	3.8	192	16.1
7. Diseases of the Heart	18	2.2	7,226	0.2
8. Cancer (all forms)	16	2.0	4,527	0.4
Totals for 1-8	490	59.9	20,402	2.4
Ages 15-19 years	518	....	....	....
1. Accidents and Violence‡	117	22.6	2,433	4.8
2. Tuberculosis (all forms)	72	13.9	1,315	5.5
3. Pneumonia and Bronchitis	33	6.4	2,680	1.2
4. Appendicitis	31	6.0	370	8.4
5. Diseases of the Heart	27	5.2	7,226	0.4
6. Puerperal State	21	4.1	319	6.6
7. Influenza	21	4.1	1.659	1.3
8. Acute Rheumatic Fever	18	3.5	192	9.4
Totals for 1-8	340	65.8	16,194	2.1

*Under 3 months of age.

‡Excluding suicide and homicide.

TABLE II—Continued

CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS

ONTARIO, 1937

CAUSE OF DEATH	Deaths in Age Group	Percent of Deaths in Age Group due to Specified Cause	Deaths from Specified Cause at All Ages	Percent of Total Deaths from Specified Cause in Age Group
Ages 20-49	6,084	....	....	....
1. Accidents and Violence‡	754	12.4	2,433	31.0
2. Tuberculosis (all forms)	730	12.0	1,315	55.5
3. Diseases of the Heart	660	10.8	7,226	9.1
4. Cancer (all forms)	649	10.7	4,527	14.3
5. Pneumonia and Bronchitis	415	6.8	2,680	15.5
6. Puerperal State	297	4.9	319	93.1
7. Nephritis	241	4.0	1,946	12.4
8. Appendicitis	129	2.1	370	34.9
Totals for 1-8	3,875	63.7	20,816	18.6
Ages 50-59 years	4,429	....	....	....
1. Diseases of the Heart	978	22.1	7,226	13.5
2. Cancer (all forms)	881	19.8	4,527	19.5
3. Accidents and Violence‡	250	5.6	2,433	10.3
4. Pneumonia and Bronchitis	250	5.6	2,680	9.3
5. Diseases of the Arteries	237	5.4	4,036	5.9
6. Nephritis	234	5.3	1,946	12.0
7. Tuberculosis (all forms)	177	4.0	1,315	13.5
8. Abnormalities of blood pressure	154	3.5	713	21.6
Totals for 1-8	3,161	71.3	24,876	12.7
Ages 60-69 years	6,631	....	....	....
1. Diseases of the Heart	1,691	26.0	7,226	23.4
2. Cancer (all forms)	1,198	18.1	4,527	26.5
3. Diseases of the Arteries	668	10.1	4,036	16.6
4. Nephritis	389	5.9	1,946	20.0
5. Pneumonia and Bronchitis	352	5.3	2,680	13.1
6. Accidents and Violence‡	239	3.6	2,433	9.8
7. Diabetes	177	2.7	579	30.5
8. Abnormalties of blood pressure	174	2.6	713	24.4
Totals for 1-8	4,888	74.3	24,140	20.2
Ages 70 and over	15,722	....	....	....
1. Diseases of the Heart	3,844	24.4	7,226	53.2
2. Diseases of the Arteries	3,046	19.4	4,036	75.4
3. Cancer (all forms)	1,773	11.3	4,527	39.2
4. Pneumonia and Bronchitis	1,023	6.5	2,680	38.2
5. Nephritis	1,045	6.6	1,946	53.7
6. Accidents and Violence‡	659	4.2	2,433	27.1
7. Cerebral Haem. and Apoplexy	476	3.0	770	61.8
8. Senility	438	2.8	439	99.8
Totals for 1-8	12,304	78.2	24,057	51.1

‡Excluding suicide and homicide.

Ages 50 and Over.

In the age groups 50 and over, diseases of the heart, arteries, kidneys, cancer and pneumonia play an increasingly important part and little change is noted over 1936. At ages 50-59 and 60-69 years cancer contributed approximately one death in ever five.

This Comment on the mortality picture in Ontario during 1937 is intended merely to touch upon the highlights in certain age groups. Further details of interest and importance can be obtained from the detailed tables (I and II), and from the official data in the Report of the Registrar General for 1937.

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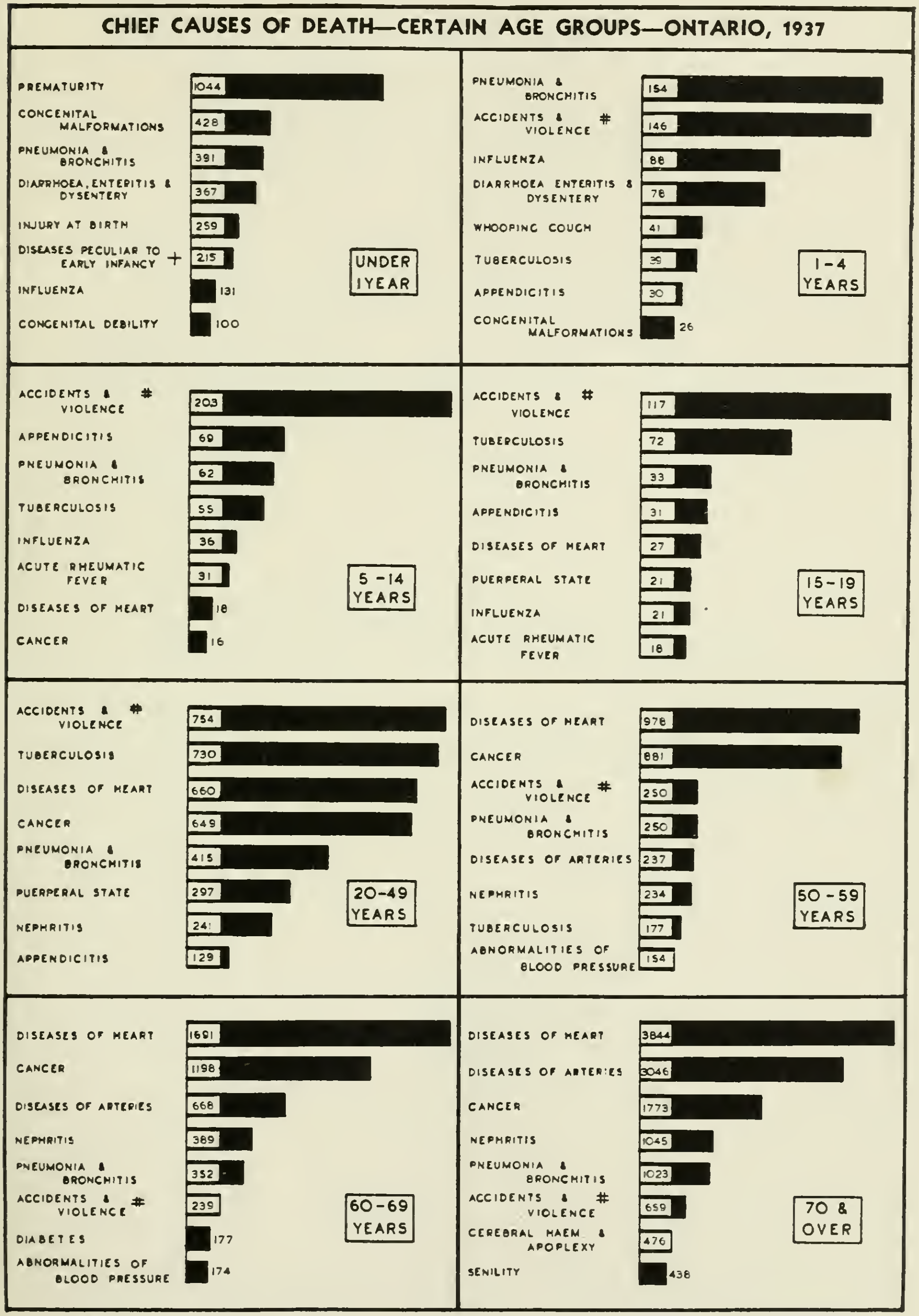

EXCLUDING SUICIDE & HOMICIDE   + UNDER 3 MONTHS OF AGE

FIGURE 2

to the King's Most Excellent

SEVENTY-FIRST ANNUAL REPORT

OF THE

HOSPITALS DIVISION
DEPARTMENT OF HEALTH

UPON THE

Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients

OF THE

PROVINCE OF ONTARIO
FOR THE YEAR ENDING MARCH 31st, 1938

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL No. 15

ONTARIO

TORONTO
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Majesty, 1939

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TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Seventy-First Annual Report on the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients for the year ended March 31st, 1938.

Respectfully submitted

Harold J. Kirby

Minister

HONOURABLE H. J. KIRBY, K.C.,
Minister, Department of Health,
Parliament Buildings, Toronto.

Dear Sir:

I have the honour to present herewith the 71st Annual Report of the Hospitals Division of the Department of Health for year ending March 31st, 1938.

During this year the anti-tuberculosis programme in Ontario Mental Hospitals was considerably extended. Since 1933 all new members of staff have been tuberculin tested and x-rayed. In May 1937 a programme was inaugurated which provides for an annual chest x-ray of all patients and of those members of staff who are tuberculin positive. (Chest x-rays have been made part of the routine medical examination of all newly admitted patients.) This programme for the detection of tuberculosis has revealed many previously unrecognized cases among both patients and staff. Detailed figures on incidence will be available shortly when the initial survey has been completed at one remaining hospital.

Special facilities have been made available at the Ontario Hospital, New Toronto, for the treatment of schizophrenic patients by means of "Insulin Shock" therapy. This has involved arrangements for the special training of physicians and nurses, the purchase of special equipment and the provision of a twenty-bed unit. The group initially selected for treatment consisted of twelve female schizophrenic patients, six of whom received insulin treatment, the other six serving as controls. Our first purpose was to determine whether insulin therapy, as such, resulted in a higher remission rate or whether improvement was due merely to the greater amount of individual attention received by patients receiving insulin. The first insulin injection was given on May 31st, 1937. The results obtained on the first forty-four patients treated in this unit showed that the remission rate was considerably higher in the insulin treated group than in the control group. While insulin may not be specific in its action, observations so far suggest that under this treatment patients become more accessible and thus more responsive to other forms of psychiatric treatment.

During the year, various officers of the Department of Health have co-operated in an advisory capacity with architects in the Department of Public Works in drawing up plans for the Ontario Hospital, St. Thomas, and the Children's Unit of the Ontario Hospital, Woodstock.

On March 31st, 1938, there were 13,574 patients in residence in the twelve Ontario Mental Hospitals. This figure represents an increase of 555 patients or 4.3% over the resident population at the beginning of the year. There were, in addition, 482 patients under supervision in approved boarding homes and 680 patients on probation. Thus, the total number of patients on the books of the Ontario Hospitals at the end of the year was 14,736. This represents an increase for the year of 449 patients or 3.1%. During the year, 2,004 patients were discharged. This represents 11.2% of all patients under supervision during the year, and is equivalent to 60.1% of the total number of patients admitted during the same period. Of the discharged patients 548 were described as "recovered" and 826 as "improved."

It is hoped that the information contained in this report will be useful, not only to those directly concerned in dealing with the mentally ill, but also to the general public whose interest and support are essential for further progress in this field of effort.

Respectfully submitted,

B. T. McGHIE, M. D.,

Deputy Minister.

ONTARIO HOSPITAL, BROCKVILLE

C. S. TENNANT, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

It is regretted that an increase in the number of patients in hospital has to be reported again, in spite of all efforts to keep the number in residence from rising. The number of patients in Approved Homes has been increased slightly and would be greater were it not that some patients showing suspicious X-Ray findings in the Chest have had to be detained in hospital under observation.

The complete Chest Survey of patients and staff must be considered a very forward step in the general health program for the Province and our Ontario Hospitals in particular, and it is anticipated that the number of positive cases will show a decrease as the years pass.

With additions to the staff in the Occupational Therapy Department, it has been possible to give more attention to this work. A class of men was organized in the Occupational Therapy Department and considerable has been accomplished with them. Large groups of male patients were organized into classes for physical culture training and an increased effort has been made to have more patients engaged in work in the different industrial departments of the hospital.

A Librarian Interne appointed for the summer months of 1937, accomplished considerable in the institution library in the way of cataloguing the volumes and in arranging for distribution to the patients. Several new books were added, including a number in French.

Recently a Canteen was established, which besides being a great convenience to members of the staff, is greatly appreciated by the patients, many whom are permitted to make their own purchases from it. Patients relatives find it quite convenient to purchase in the Canteen, treats for their patients in hospital. It is anticipated that profits can be put to good use for the benefit of patients and staff.

STAFF, ADMINISTRATION AND BUILDINGS:

The following staff changes were made during the year:

Doctors M.W.M. Sloane and Margaret G. Rendall, new appointees in the Service, joined our staff. Doctor Margaret O. Thorpe left the Service. Doctor C. H. Gundry, formerly on the staff of this hospital, and lately returned from post-graduate work at Cleveland, Ohio, returned on September 1, 1937 to become Director of the Mental Health Clinic. Mr. John B. Boyd, Psychologist, resigned to accept a position with The Robt. Simpson Company and was replaced by Miss Ruth McConnell. Miss Rheta Farrow was appointed as Occupational Therapist to assist Miss Kathryn A. Rapsey. Mr. A. R. Summers, Chief Engineer, was promoted to the post of Chief Engineer at the Ontario Hospital, Whitby, and was replaced here by Mr. E. A. Clamp, from the Whitby staff. Miss Ellen M. Kemp, Laboratory and X-Ray Technician, replaced Miss Anna Goodfellow, who was loaned to the Department during the poliomyelitis epidemic in September, 1937, and who was later transferred to the Ontario Hospital, Hamilton.

Doctor H. C. Moorhouse was engaged for two months as Consultant in this district during the poliomyelitis epidemic, and it is felt that he is deserving of congratulations for the work which he did.

The number of papers and addresses given during the year by members of the hospital staff showed an increase. Speakers besides the Superintendent included Doctors Kells, Moorhouse and Gundry and Miss McConnell, Psychologist.

We cannot report any new building program under way at this hospital. In five Cottages, it was possible to make use of dark passages by constructing storerooms in them. This has released a few rooms for additional beds. During the past year, the plastering and painting program has been completed in all the Cottages and a start has been made in the Main Building. The tower over the main entrance to the Executive Building was torn down to the level of the main roof and a new roof was constructed at that level. Unfortunately this has resulted in the loss of a pleasing landmark in this locality.

ONTARIO HOSPITAL, COBOURG

G. C. KIDD, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year 64 patients were admitted and 19 were transferred from other Ontario Hospitals, a total of 83. 84 patients were placed on probation, 48 were returned from probation, 41 patients were discharged and 7 patients died during the year. 32 patients were sent to Oxley House and Lorimer Lodge, and 21 were returned, during the fiscal year.

During the year a sound movie was installed in our auditorium, and it has proved a great source of pleasure to many of our patients.

A new recreation field was laid out in part of our old garden.

More books and magazines have been added to our Library, and the appearance of the Library has been greatly improved by painting.

We did not have any success with outside skating rink, but arrangements were made to send a group of girls to the Town rink one afternoon each week.

We are very grateful to the Salvation Army, who put on several concerts for our patients during the year.

Our Annual Sports Day was held on September 30th, and was a decided success.

Religious Services were held in our Auditorium every Sunday morning, Roman Catholic Service at 7.30 a. m. and Protestant Service at 9 a. m. One Communion Service was held for the Anglican patients.

Forty bedside lockers were placed on the wards.

STAFF, ADMINISTRATION AND BUILDINGS:

A full time Dentist was appointed.

The Annual Meeting of District No. 6, Ontario Medical Association, was held at this Hospital.

Papers were given by members of our Staff, to the Ministerial Association, Graduate Nurses' Association and Baptist Young Men's Club.

Combination fly and steel crete screens were put on all windows on Wards 3, 4, 5 and 6, with the help of three outside carpenters. New fly screens were made for the sewing room, laundry, toilets on Wards 1 and 2, operating room, special class room. The boiler house and kitchen chimneys were repaired by contract. All fire extinguishers were re-charged and the fire fighting equipment checked. A new type of grates were installed, replacing the original Files stokers.

ONTARIO HOSPITAL, FORT WILLIAM

J. N. SENN, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

A very kindly reception continues to be afforded the hospital by physicians in the district. Their co-operation in matters of patients under care and treatment in general hospitals and at home is very great and assists us considerably when the hospital becomes overcrowded.

We have endeavoured to train practically all members of staff in the care and treatment of patients including our outside staff such as farmhands. This has been very well received by the staff so much so that we have now no member of staff unless employed on the tractor or some similar machinery who does not take out and work with a group of patients. Instructions have been given to new members of the attendant staff on the ward in handling patients and in the duties expected of them.

No patients are boarded out from this hospital. This has not been commenced on account of our small patient population and the fact that practically all our patients enter hospital in rather acute condition. The patients are included in all activities about the hospital general farming and gardening work, care of stock, laundry work, mechanical department, ward work and occasionally in the staff quarters where suitable patients are available.

STAFF, ADMINISTRATION AND BUILDINGS:

During the year just past we constructed with our own help a sheep pen capable of housing fifty breeding ewes, a four car garage, a small fire hall to take care of hose reel, an auxiliary pump house and the reconstruction of a root house. These buildings have assisted materially in the general hospital administration.

ONTARIO HOSPITAL, HAMILTON

J. S. STEWART, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Our Examination Unit has had the usual busy and interesting year. A total of two hundred and nineteen (219) patients were admitted to the Examination Unit as opposed to two hundred and eight (208) patients during the preceding fiscal year. Of the two hundred and nineteen (219) admitted, fifty-nine (59) were referred directly by family physicians and one hundred and sixty (160) were remanded from Magistrates' Courts. Of these one hundred and sixty (160) were remands sixty-nine (69) were certified as mentally ill and eighty-seven (87) were returned to Court as fit to stand trial. Four (4) of the patients remanded to the Unit died while in the Examination Unit. Of the patients admitted by physicians' certificates thirty-five (35) were certified as mentally ill and admitted to hospital and twenty-three (23) were discharged as non-psychotic or recovered from transitory mental disturbance. One patient admitted by physician's certificate died while in the Examinaion Unit.

The number of boarding out patients has been increased from thirty-four (34) at the close of the last fiscal year, to forty (40) at the close of the present fiscal year. Sixteen hundred and twelve (1612) calls and interviews have been made in connection with boarding out patients by the staff of the Mental Health Clinic.

A cafeteria type of meal service has been established in five wards in the Main Building during the past year. This service is, of necessity, somewhat simplified in nature but has been found to be an improvement.

The Occupational Therapy classes have been completely reorganized, following a visit of inspection by Miss Helen LeVesconte. We are deeply appreciative of Miss LeVesconte's helpful suggestions. More ward classes have been established. A class in wood work for male patients has been established in the afternoons at the Pines Cottage and the Head of the Department is in closer touch with physicians and her aides, who are engaged in ward classes, than she formerly was.

In addition to the usual hydrotherapy carried on in the wards at the hospital, a daily hydrotherapy centre has been established for both male and female patients in the Infirmary. Patients are taken to the Infirmary each day for treatment and returned to the wards following necessary rest. The results of more intensive treatment by hydrotherapy have been noticeable.

STAFF, ADMINISTRATION AND BUILDINGS:

No senior members of the staff left the Service of this hospital or were transferred to other hospitals during the past year. Dr. D. R. Easton was appointed to the staff and reported for duty on March 1, 1937. Dr. W. H. Weber was appointed to the staff and reported for duty November 6, 1937. Dr. G. A. Mellow returned from the Psychiatric Hospital, Toronto, in September 1937.

During the past summer our staff was, however, greatly depleted during the epidemic of Poliomyelitis as both Dr. Easton and Dr. Weber were seconded for duty in Public Health Work and Dr. Brillinger, the Director of the Mental Health Clinic, was also seconded for duty of Public Health Work. As this epidemic coincided also with the regular vacation period of physicians, the few physicians who remained on duty deserve recognition for their unfailing devotion to heavily increased duties.

As in the previous year, a regular meeting of the Hamilton Academy of Medicine was held at this hospital. This consisted of an afternoon meeting with ward work and a demonstration of cases of Paresis under treatment by malaria, with malarial charts and records of treatment, and demonstration of hydrotherapeutic treatments. Clinical demonstrations were held at the hospital for the senior classes of Nurses-in-training at the Brantford General Hospital, St. Catharines General Hospital, Hamilton General Hospital and St. Joseph's Hospital, Hamilton.

Dr. Brillinger, Director of the Mental Health Clinic, delivered a course of lectures to the above General Hospitals and also numerous lectures to Societies and Social Agencies.

Dr. Cummins presented a paper on Traumatic Psychosis at the meeting of the Ontario Neuro-Psychiatric Association.

No new building was done during the year. Repairs carried out consisted of re-roofing of several small buildings, all of which were badly needed.

ONTARIO HOSPITAL, KINGSTON

E. A. CLARK, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

There has been practically no change in the movement of patient population, the number of admissions, discharges, and the total population remaining about constant. The number of patients being supervised in approved homes and the number on probation has also shown but very little fluctuation.

A complete X-ray survey of all resident patients during the past year has permitted of definite isolation of cases requiring observation or active treatment for tuberculous lesions, and two complete wards have been set aside as a chest observation unit. This survey, in conjunction with a systematic X-ray examination of all new admissions, has very much improved and simplified the handling of this type of case, and represents a decided advance over the previous method of dealing with the tuberculous patient.

The program of Occupational Therapy has been further extended, and particular attention has been paid to the development of library facilities in conjunction with the Therapy Department. Through voluntary donations and through a more active campaign on the part of the hospital, a greatly increased number of magazines, etc., has very materially increased the service which this Department can render. A formerly unused cottage on the grounds has been fitted up as a library and reading-room for use for the summer months, and serves as a centre not only for parole patients but also for patients, who, during the fine weather, are able to spend the greater part of their time on the grounds, under supervision.

Treatment-rooms on each of the admission wards, which were commenced last year, have been completed, and are fully equipped for the handling of examinations and for minor surgery.

A recreation field at each division of the hospital was commenced two years ago, and of these one is now complete and the other practically so. The tennis courts have been improved, and are now available not only for the patients but for the staff as well.

STAFF, ADMINISTRATION AND BUILDINGS:

Miss Margaret Deane, seamstress; Mr. Thomas Guthrie, chef, and Mr. John C. Thomson, supervisor, were superannuated during the year, after long and faithful service. Acknowledgment was made of their services by fellow staff members. Miss Anne MacDonald, Head Therapist, resigned on September 22, 1937, and her position was filled by Miss Margaret Irvine, who was already on the staff in the same Department. Dr. H. D. Wilson was appointed to the medical staff on July 1st, 1937.

The Mental Health Clinic continues to receive an increasing demand for its services, and during the past year the Director has been appointed as a member of the teaching staff of the Medical Faculty, Queens University. A very definite increase in the number of requests for consultant advice are being received from practitioners in the district served by this clinic, and a great many cases who are definite candidates for admission are seen by the Director at the request of the family physician, before certification is proceeded with.

No major program has been undertaken with respect to building changes, but a continuous and active program by the hospital maintenance staff has effected a number of improvements. New floors have been laid in portions of the Main Building, window screening is now practically complete; night lights have been installed in all the wards, and the Public Works Department has continued its program of gradual installation of an improved type of new window. By the same Department, fairly extensive roof repairs have been carried out and exterior painting practically completed on the Main Building.

ONTARIO HOSPITAL, LONDON

G. H. STEVENSON, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Admissions decreased from 525 to 484 but discharges increased from 310 to 326. This represents a discharge rate on admission of 68%.

In October and November 1937 there was a general survey of all patients to ascertain the extent of early or suspected tuberculosis. As a result between 40 and 50 patients of each sex were recommended for isolation and special care. The two ground floor wards in the North Building were set aside for this purpose.

A 16 m. m. talking picture equipment, the gift of an anonymous benefactor, has been installed in the auditorium and the shows have been much enjoyed.

Our methods of record keeping on the wards has been much improved, every patient no matter how long in residence, having a clinical record and other records filed together for ready reference and better attention.

In the hope of improving service to our male patients, experiments were conducted with electric shavers and as a result we have installed a supply of electric shavers which we expect will be a decided improvement on former shaving methods.

A librarian interne was appointed to take charge of our patients' central and branch libraries and to assist patients in their selection of reading material.

Our ward radio facilities, which had become in need of improvement have been surveyed and arrangements made for modernizing them.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. T. J. McNally, resigned December 31, 1937. Dr. E. E. Sawyer, resigned December 31, 1937. Dr. B. H. McNeel, appointed July 1, 1937.
Dr. G. H. Lugsdin, appointed July 1, 1937. Dr. H. B. Carscallen, transferred from Ontario Hospital, Whitby, Jan. 1, 1938. Dr. K. M. McGregor, transferred from Ontario Hospital, Toronto, Feb. 1, 1938. Dr. A. E.

McKercher, transferred to Ontario Hospital, New Toronto, Dec· 1, 1937. (Although not effective until April 1, 1938.) His work as Director of Mental Health Clinic taken over by Dr. G. E. Hobbs. Miss Ruth Lewis, psychologist, returned from post-graduate work in Europe, Dec· 1, 1937. and resigned, December 31, 1937. Miss Margaret Sparling, psychologist, appointed February 7, 1938.

On October 1, 1937 we accepted our first class of eleven students, for a three months' course in psychiatric nursing, from the following general hospitals:—Victoria Hospital, London, St. Joseph's Hospital, London, St. Joseph's Hospital, Chatham, Public General Hospital, Chatham, Memorial Hospital, St. Thomas, General Hospital, Stratford and Grace Hospital, Windsor· This course is being repeated quarterly.

Most of our graduate nurses live away from the hospital and for their convenience dressing rooms have been set aside in the Main Building, North Building and Examination Unit, equipped with lockers.

The heating system and power house have been improved. Ornamental grounds considerably improved, especially about Main Building. All other departments and treatment facilities have been used for the welfare of patients as efficiently as possible. Cement walks have been repaired and a new walk laid from the rink to the East Cottage and North Cottage.

ONTARIO HOSPITAL, NEW TORONTO

T· D. CUMBERLAND, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

It has been possible during the last year to get more patients out-doors. It has also been possible to get more patients engaged in some occupation around the hospital, especially outside work, not only for male patients but also for female patients. The garden has been very much increased in size which gives a lot of employment for patients.

Insulin treatment was used to some extent. The results of treatment have been fairly good. With some re-arrangement of continuous baths more patients could be treated by hydrotherapy· I expect it will be possible to make some arrangement during the coming year to increase facilities for hydrotherapeutic treatment.

STAFF, ADMINISTRATION AND BUILDINGS:

There have been some changes in the staff amongst the junior officers during the fiscal year.

A considerable amount of repair work was done during the year. A new power house is under construction and nearly completed. A considerable amount of work was done beautifying the grounds, repairing roadways and sidewalks and also additional flower beds, which add very much to the appearance of the ground.

ONTARIO HOSPITAL, ORILLIA

S· J. W. HORNE, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

The general health of the patients could be considered more than satisfactory for the Fiscal Year. In August we had two cases of anterior poliomyelitis and we were very fortunate in that no further cases developed. Adequate precaution, isolation and the non-admission of patients during the epidemic was considered to be of great value in not having a wide-spread epidemic of this disease in our overcrowded School.

During the month of February a Tuberculosis Survey was made of all patients twenty-five years of age and under, as the result of which we had to establish two Tuberculosis Units, one for female patients and a second for male patients. The survey resulted in twenty-three females and thirty males being isolated for observation for pulmonary tuberculosis. All new admissions are now tuberculin tested and those having a positive reaction have chest X-Rays; as a result of this, we hope to prevent any spread of this disease among our patients·

During the year it was necessary to add seventy-three beds to the male side and twenty-three beds to the female side to accommodate urgent admissions. This naturally has overcrowded our dormitories and has taken away day-room space.

There have been few marked changes in the academic programme during the past Fiscal year. However, three advances have been worthy of special note. (1) The teachers took over the responsibility of the library program for the wards. Reading hours were established in the Cottages and proved to be valuable in stimulating an interest in reading, particularly with the senior school children, many of whom had never before read a book. Small transportable book-cases were made and one is left in the Cottage for a definite period and then transferred to another Cottage. (2) The elementary classes in plain cooking have become a regular feature of the school programme for senior girls. Also the instruction for caring for variou rooms of a house. This is in addition to their instruction in sewing. (3) Emphasis has been laid on teaching the children how to tell time. A test has been established and successful scholars have their names entered on an honour roll. Seventy-four children were admitted to the academic school during the year and fifty-seven were discharged, as having completed their academic training. The enrolment of the academic school at the end of the Fiscal Year was two hundred and twenty-one (221).

The recreational programme under the direction of the Physical Instructor, as usual, has been complete and active throughout all Seasons. Two outstanding entertainments were provided by the School during the year, the Physical Demonstration in April which took the form of a play under the direction of Mr. Cole and Mr. Avery and the Christmas Concert which was directed by all teachers. It was an operetta of the popular story of Red Riding Hood and provided an enjoyable evening both for patients and staff. A third outstanding event was the annual picnic which was participated in by patients and staff. The picnic program started with a monster parade of school children with clown bands, floats, etc., which make a parade a success. Excellent sports were participated in by both patients and staff. At the close of the day both patients and staff had their suppers on the picnic grounds. School parties, skating parties, tobogganing, sleigh-riding and hockey were the principal sports indulged in during the Winter months. The three outdoor skating rinks were operated and the covered rink provided ample skating accommodation for the children during the Winter season. Hockey teams were formed and a number of games were participated in between various teams organized in the Hospital School. Summer sports such as baseball, handball, lacrosse, track meets, swimming were indulged in as in former years.

The Summer camp was operated on our own lake front and the new dining pavilion which was built during the early Summer was of great assistance and benefit in camp life. It was not only used as a dining room, but also a recreation hall for the boys during the wet and disagreeable weather.

Approximately two hundred boys were rotated through the Summ camp and next year it is hoped that we will able to allot time for the girl to have some experience in camp life.

The problem of occupying patients was more difficult during the year than previously owing to the fact that we had a large increase in the number of low grade patients admitted. These were all of such tender years that it will be some time before they can be trained for occupational pursuits. However, during the year our farm, garden and landscape garden provided an excellent outlet for patients of all types.

It is of interest to note that the gardener reports a class of sixty imbecile boys, whose chronological age is not over fourteen years, as the most efficient berry pickers and garden helpers that he has had since he was connected with our garden.

Our main probation outlet for girls has been through the Colony Houses at Toronto and this programme has met with more success each year. We were handicapped, however, during part of the year in not having trained girls when there were vacancies in the Colony House, owing to the fact that it was necessary for us to admit more urgent low grade cases.

We were able to place more boys on probation with farmers during the past year, all of these being under the supervision of our Social Service Department. In addition to the girls probated to the Colony House, we have a number in the vicinity of the Hospital School which also receive supervision from our Social Service Department. Follow-up visits for other Hospitals were made by our Social Service Department.

STAFF, ADMINISTRATION AND BUILDINGS:

Mr. Avery resigned from the teaching staff. Mr. John F. Powers appointed to the teaching staff to replace Mr. Avery. Dr. E. V. Metcalfe appointed to the medical staff. Miss Eleanor Evans, Laboratory Technician resigned and Miss M. H. Pierce appointed as Laboratory Technician.

The regular routine training programme for newly appointed nurses and attendants was conducted, as new appointments were made. Training School for Nurses operated with its usual success, Graduation Exercises being held in the month of April.

Clinics and Demonstrations in reference to the care and training of mental defectives were given at various times during the year. The usual visits of Medical and Psychological Students, Social Service Workers, Occupational Therapists and Auxiliary Teachers were given at intervals throughout the Fiscal Year.

During the year general repairs were made to several buildings, including the rebuilding of the tramway from the Infirmary to Cottage "L. Laundry and Boiler Room were painted. Outside steps were replaced. Water tank and farm buildings were painted. Roofs of Cottages "O", "B", "C", "M", Boiler Room and Nurses' Residence were repaired. The wall between Cottage "D" and Nurses' Residence was rebuilt. The above general repairs not only improved the appearance of the buildings, but also keep them in a better state of preservation.

A most important addition was made in the Sunroom Cottage "K" with the removal of the old verandahs which had become very dilapidated. The construction of two fire-stairs, one in Cottage "K" and the other at the east end of the Administration Building has greatly improved facilities for removing patients in the case or cases of emergency. The ventilation system in the Laundry has improved working conditions for patients and staff who are employed in this department. New stokers were installed on the boilers which resulted in a smaller coal consumption, also in making the work just a bit more satisfactory for the firemen and those employed in this department.

ONTARIO HOSPITAL, PENETANGUISHENE

C. A. McCLENAHAN, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

A complete tubercular survey of the staff and patients has been almost completed.

An Anti-typhoid vaccine was completed on the staff and patients, and all the younger patients are being vaccinated.

A new male nurse has been secured to carry out the medical orders, and treatments of the patients in the New Building. Here also new methods of recording medication, progress, etc., of the patients by the staff has been put into use.

An Occupational Therapy instructor was secured for the New Building, and so far he has been making satisfactory progress. In this Building new radios were purchased for each ward, and all wire connections concealed in conduit. Also cells have been especially wired for patients to use their own radios.

The Dental Clinic visits this Building weekly, and with the addition of the new male nurse this service is functioning better.

A library was placed in the school room in this Building which adds to the comfort of these patients, and in addition a regular supply of magazines is available.

Throughout the year patient help has been utilized under s in the wards, garden and on the farm. There is an Occupational Class held each day in the New Building. A new instructor for this was secured for the New Building, and so far greater interest is being sho by the patients in this work.

Our new sound machine was a source of great enjoyment throughout the year.

Programme of sports for patients has been well maintained throughout the year, and greatly adds to their contentment and peace of mind. Two new ping pong tables have been constructed for ward use.

The number of boarding-out patients has been slightly increased amounting to almost 4% of our population.

STAFF, ADMINISTRATION AND BUILDINGS:

With the exception of the resignation of graduate nurses there have been no changes in the senior members of the staff.

This winter course of lectures was given to male and nurse-attendants by the head nurse and physicians, in various subjects relating to their duties.

Dr. C. E. Hanna had charge of the poliomyelitis clinic in this district for three months during the outbreak of this epidemic.

Dr. C. A. McClenahan prepared and gave a lecture on Criminally Insane for the Junior Physicians in the service at Rockwood Hospital, Kingston.

The general outside appearance of the hospital has been greatly improved by painting the whole exterior including fire escapes, water tower which were rusting badly. At the same time all necessary repairs to wood work were completed before being painted leaving about nine employees' houses still to be done. A new verandah was constructed at the Steward's home. Repairs to the roof of the kitchen, Cottage "B" and attic were also completed. One of the old ice houses was torn down and replaced. Verandah at the Nurses' home was screened in. Three of the employees' houses were completely done over. Flashings on roof of Criminal Insane Building were repaired stopping all leaks.

The boiler room underwent extensive alterations, and the old feed water heater was replaced with new equipment. One old fire hydrant was replaced by a new one. Domestic hot water heater at the Old Building, and also the two convertors at the New Building were retubed. Steam pumps were moved into the adjoining room, and small coal bunker built. Automatic dampers were put on boilers 1 and 2, and a catwalk was put around boiler No. 3. The overhead piping, electrical wiring in the Engine Room was changed, greatly adding to the appearance of the boiler room. A number of new transformers with wiring were installed to give better electric service to the houses, grounds and laundry, with very satisfactory results. Our old steam generator has continued to function in reducing the peak load, and should lower our electrical cost this year. The system of lighting of tennis court and the bowling greens for night use was constructed, and in the winter time these lights are used in the skating rink. A new steam return line had to be built to the Engineer's house. Alterations were made in the old chimney so that now the new smoke stack only is in use, and with its increased height carries all smoke and coal dust well away from the wards. The cementing of the rear courtyard as far as the bakeshop was completed, and has done away with the dust nuisance.

The laundry has had installed a large new extractor, and a smaller re-conditioned one along with a new washer, and the electrical equipment is being so arranged as to do away with all overhead belting. New clothes trucks and sorting tables were constructed, but our distributing room is not being extensively used as it would require another employee. A new sock dryer was also installed.

Some progress was made in grading and levelling of grounds about the building, and work parties from here assisted with general work about the hospital throughout the year.

A new siren was erected for this Building as a warning in case of escape of patient or trouble among them in the building. A gas gun has been made available in each ward in case of emergency.

The furnishings of Ward "B", Male Cottage, were completed, with the addition of new benches and tables in the sitting room.

Sufficient round tables were purchased to furnish both male and female dining rooms.

The installation of an x-ray machine is filling a long felt want.

The re-conditioned knitting machine is now in operation, and it is hoped to be able to refoot many old socks.

All necessary painting of single rooms was carried on here throughout the year, as, and when required.

Cow stables were completely renovated with new floors, stanchions, etc. disinfected and painted throughout before the new herd (22 heifers) arrived from Whitby. This herd came in towards the end of the year, and is supplying most of our milk. Thirteen heifer calves have been raised from this herd.

Cleaning and clearing of land was continued from time to time throughout the year, and the whole area about the water tower is now being used for gardening. All crops were good during the year with 3,668 bus. of potatoes being raised from 20 acres. Sufficient vegetables were produced to supply hospital use.

ONTARIO HOSPITAL, TORONTO

J. R. HOWITT, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

During the past year the Amusement Hall, the Occupational Therapy Department and the X-Ray Department have been redecorated and generally improved.

In the Occupational Therapy Department, the library has been considerably increased and a portion of the room has been set aside as a reading room for patients.

The hospital files have been completely rearranged in accordance with Departmental instructions and generally improved.

During the past year the top floor of the Main Building has been opened as a Male Ward, providing accommodation for 70 additional patients. Dining room accommodation for the use of these patients has been provided in the basement.

There has been little change in regard to the treatment of patients in the hospital but it is hoped that treatment with Metrazol will be commenced very shortly.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. R. C. Montgomery was transferred to the Department as Director of Hospital Services. Dr. Mary E. Marshall, Graduate Medical Interne, resigned to be married. Dr. A. J. Bromley was appointed to the staff as Graduate Medical Interne. Dr. Keith McGregor was appointed to the staff as Graduate Medical Interne and was later transferred to the Ontario Hospital, London. Dr. J. J. Weber was transferred to the Tuberculosis Unit of the Ontario Hospital, New Toronto. Dr. I. Sutton has been temporarily transferred to the Insulin Unit at the Ontario Hospital, New Toronto. Miss Gertrude Aikenhead, Social Worker, was transferred to the Psychiatric Hospital. Miss Margaret Rose resigned to be married and Miss Kathleen Hogarth was appointed as Dietitian in her place.

ONTARIO HOSPITAL, WHITBY

D. R. FLETCHER, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year 1937–1938 we admitted 630 patients and discharged 546. The general health of our population has been good, and the number of deaths was not above the average.

Our boarding out group has continued to be increased very gradually, and we have found this outlet of value in making a stepping stone from the hospital to complete independence. Our occupational and recreational facilities are being taken such advantage of as our staff will allow. We are always grateful that on account of our location we are able to offer such a wide variety of occupational and vocational therapy.

Owing to the interest aroused in the treatment of Schizophrenia recently I asked for a survey of the results of our own treatment. We find that in the year 1933-34 we admitted 140 cases of Schizophrenia, including second admissions. At the present time, exclusive of those boarding out or on probation 54% have been living outside the hospital for a sufficient length of time to get discharged. During the year 1935–36 we admitted 136 patients suffering from this disease. Of this number 58% have been discharged. If we take only first admissions for the period last mentioned we have discharged already almost 68%. It would appear therefore that our treatment is so far successful that over 50% are sufficiently recovered to live permanently outside of hospital.

STAFF, ADMINISTRATION AND BUILDINGS:

Mr. William Ratcliffe, a returned soldier, and an attendant of this hospital since before the war, was superannuated on November 30, 1937. Dr. Carscallen came to us for a period of training, and was later transferred to the Ontario Hospital, London. Doctors Wellman, Vail and Cruickshank joined the staff as assistant physicians. Dr. Breslin joined the staff as graduate medical interne. Dr. Sweet is at present taking post graduate work at the Toronto Psychiatric Hospital. Dr. Cardwell has returned as Senior Physician from the same course. Dr. H. D. Mitchell left our staff on November 1, 1937, to go to the Ontario Hospital, New Toronto, as assistant superintendent. Dr. W. D. Smith was appointed to our staff as Senior Physician, and is taking special instruction here.

During the year we have continued our teaching efforts with various departments. Our supper groups for the senior staff members, and our training groups for attendants have met with excellent response.

I am glad again to pay tribute to the heroism of one of our staff, Mr. Fred Ing, laboratory technician. While driving along the road in front of the hospital he noticed a patient plunge into the water. Mr. Ing ran his car up to the beach, and plunged in fully clothed, succeeding after considerable trouble in rescuing the patient. Public recognition of his bravery was made at a meeting in the hospital when he was presented with a parchment from the Royal Canadian Humane Society.

This spring we re-opened our training school, which has been closed for some two or three years. We took in a group of eighteen young ladies, all with matriculation or better, and thereafter were asked to take a group of twelve male nurses-in-training under the Youth Training Scheme. This co-educational experiment will, I am sure, be followed with interest. We appreciate the confidence the Department has placed in us in sending various new members of staff here for periods of training, and also the constant advice and assistance of various of your departmental heads. Dr. A. L. McNabb has been particularly helpful in our animal husbandry problems during the year.

We are indeed grateful for the helpful and understanding attitude of the physicians of this district, who have been inconvenienced on several occasions because we could not at once find beds for their patients. To the citizens of the town generally, who have helped us by their tolerant and friendly attitude, and especially to those who have taken convalescent patients into their homes we owe a debt of gratitude.

ONTARIO HOSPITAL, WOODSTOCK

D. O. LYNCH, M.D., Superintendent

CARE AND TREATMENT OF PATIENTS:

Our patient population continues to increase steadily, there being 587 patients in residence, as compared with a total of 543 on March 31st, 1937. Admissions totalled 161, including 31 transfers from other hospitals. Discharges amounted to 85. Of the discharges 44.7 per cent were in the recovered group (Seizures controlled for a period of one year and upwards). Transfers to other hospitals amounted to 10. Deaths accounted for 23.

Work in the occupational therapy field has been extended with the appointment of Miss Marjorie Garrett. At the present time patients in the female cottages and wards attend the occupational therapy classes and individual instruction is also given all recent admissions. Classes on the male admission ward are well organized and the results are very gratifying indeed.

Our hospital school continues to function in a satisfactory manner, classes being held daily for both male and female patients under the direction of Mr. M. Magill. Apart from the routine academic instruction, a special language class is held for French-Canadian patients desiring to acquire a knowledge of English. The average number of pupils attending the school daily is eighteen. One of our female patients was successful in passing her Entrance Examination last June.

Realizing the necessity of placing our recovered male patients in non-hazardous occupations, we have continued the experiment of farm placement wherever possible. While occasionally a patient has to be returned, yet on the whole the results are gratifying and it is hoped that a much larger group can be similarly assisted in making a satisfactory community adjustment.

Various local organizations, the bands of the Oxford Rifles, Woodstock Veterans and Salvation Army, provided entertainment for our patients during the winter months and their concerts are always keenly appreciated.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. F. S. Lawson was transferred to the Toronto Psychiatric Hospital on October 1st, 1937.

Dr. C. V. Tisdale, formerly of this staff, was transferred from the Toronto Psychiatric Hospital and assumed his duties on October 1st, 1937.

Miss Marjorie Garrett, occupational therapist, formerly of this staff, resumed her duties on September 15th, 1937 after having spent a year at the Provincial Mental Hospital, Selkirk, Manitoba.

Mr. C. H. Wilson, farm manager, was superannuated January 1st, 1938. Before leaving, a presentation was made on behalf of the staff in appreciation of his many years loyal and faithful service.

The following addresses were given during the year:

By Dr. D. O. Lynch:

"Ontario's Criminally Insane" to the Woodstock Rotary Club.
"The Problem of the Narcotic Drug Addict" to the Woodstock Lions Club.
Address at Nurses' Graduation, Ontario Hospital, London.
Twelve lectures on psychiatry to the third-year nurses at the Woodstock General Hospital.

Clinic in epilepsy — nurses of the Woodstock General Hospital.

By Dr. C. H. Pratt:

"Epilepsy" at the Ontario Hospital, Kingston, to the junior physicians of the Ontario Hospital Service.

Further therapeutic research work in epilepsy was carried on during the year.

The value in epilepsy of a comparatively new drug, Benzedrine Sulphate, was tested in a series of six cases which were subject to very frequent petit mal and occasional grand mal seizures with associated mental sluggishness but otherwise of fair to normal mentality. (There was very little response to Phenobarbital therapy in these cases.) The average dosage was one tablet of 10 mgms. in the morning and at noon. In one case the dosage was increased to two tablets in the morning, one at noon and one in the evening. No beneficial or untoward effects were noted throughout the group over a period of one month.

A sample supply of a preparation containing bellafolline, ergotamine tartrate and Phenobarbital was obtained for experimental use. One patient, who had very frequent petit mal and occasional grand mal seizures, was put on this treatment and given three tables t.i.d., p.c. as a substitute for Phenobarbital, grs. 3 b.i.d. and Caffeine, grs. 4 q.a.m. and at noon No improvement was noted over a period of three weeks; in fact she had more seizures than when taking the Phenobarbital and Caffeine.

The work with the intramuscular injections of a substance said to be of value in imbalance of cholesterol metabolism, as reported last year, has been continued. The results so far are inconclusive. Only one of the ten cases showed a favourable response and we are continuing the treatment with this case and one other case of a suitable type.

During the month of May, 1937, Dr. Pratt visited and made a study of the care and treatment of the epileptics of all ages at the New York State Colony for Epileptics at Sonyea, the Ohio State Hospital for Epileptics at Gallipolis, the Michigan Farm Colony at Wahjamega and the Public School for Epileptics at Detroit. Although nothing new by way of treatment in epilepsy was encountered, considerable information was amassed having to do with the care of both children and adults which has an application to our hospital at present and will be useful with the new Children's Unit in operation.

Dr. Pratt was appointed by your Department as consultant to the Medical Officers of Health for the Counties of Oxford, Brant, Waterloo and Norfolk in the poliomyelitis epidemic of last fall. His full time was spent at this work during the months of September, October and the first week in November.

Work on the new Children's Unit was started last fall, the site chosen on the farm lands east of the hospital property. Thirty aditional acres of land adjoining the institutional property were purchased to provide a suitable approach, play grounds, etc. At the present time the reception building, the kitchen and dining rooms and two dormitory buildings are well under construction and will probably be completed this fall.

The following include some of the major repair items and alterations completed during the year.

The female cottages, I and II, were completely redecorated and the nurses' quarters in Cottage II, no longer in use, were allegated to patients, thereby providing additional accommodation for some twenty-two women. At the present time the few nurses and nurse-attendants living in residence are very comfortably housed on the third floor of Cottage II. Redecoration of the amusement hall, the Superintendent's residence and the farmer's residence were also completed during the fall and winter months.

Carpenter alterations to store-rooms of Cottage I and II, making and installing fly screens to windows of male and female corridors, making sixty four park-type cement and wooden benches, as well as ordinary repairs, were carried out.

Masonry and bricklaying repairs were completed on the following: — Penthouse at central kitchen, extensive work on west wall of central kitchen, repairs to parapet wall and pointing on central dining wall, also pointing on all central kitchen walls.

Engineer's repairs and alterations were completed as follows: To underground return lines and all buildings. Alterations to steam lines and manholes. Replacing combination domestic water heater and storage tank in Cottage B. Installing Booster tank and heater for increased domestic hot water in Cottage A. Overhauling two stokers a power plant. Extension of eight-inch water main from administration building to new Children's Unit located on east side of the highway (Public Works contract.)

DEPARTMENT OF NEUROPATHOLOGY AND RESEARCH DIVISION

E. A. LINELL, M.D., Professor of Neuropathology, University of Toronto.

In May 1937, Dr. J. A. Hannah, who had been in charge of this Department was granted leave of absence in connection with the work of Associated Medical Services under the Canadian Medical Association. Research work was carried on in his absence by Dr. M. S. Thompson, and Professor Linell, Consultant in Neuropathology since 1935 continued his consultant services in the routine and research work of this Department. Increased interest has been shown by physicians in the post-graduate course in neurology, anatomy, physiology and pathology of the nervous system, which is conducted one hour a week for the duration of the academic session by Professor Linell.

Actual Work Done in the Department

During the year, material from sixteen autopsies were examined and gross reports sent out on this material. On ten cases reports were typed and sent out. Reports were completed on the other six cases but not typed or sent out. Microscopical reports were sent on seven cases. Microscopical slides were given to Dr. Linell for his file from six cases, these being duplicates of slides maintained in the files of this Department.

From sixteen autopsies 3,418 paraffin sections were cut and 137 blocks by frozen section. In all, the slides stained totalled 5,345. Some of these slides were filed on completion of the examination and report. Others were filed ready to examine microscopically. In addition, fifteen large blocks were dehydrated and embedded preparatory to cutting on the large microtone. Five large sections were cut and three slides stained.

Exhibits

During the week of June 21–25, 1937, at the combined meeting of the Canadian and Ontario Medical Associations at Ottawa, an exhibit was put on by Drs. Hannah and Thompson on the work being undertaken in this Department relative to both routine and research problems. A further exhibit was put on in the Banting Institute in January, 1938, at a meeting held under the auspices of the Academy of Medicine.

Research

A further study was made of the literature to aid in the technical examination of thyroid glands from psychotic and normal patients. A paper was published by Dr. Hannah "A Case of Congenital Malformations of Vessels of the Brain and Spinal Cord," in the Canadian Medical Journal, 36: 588–591, 1937. Further study was undertaken on the relation of haemorrhage into the hypothalamus in cases of sudden death. This involved the preparation of serial sections through the walls of a large number of third ventricles.

A summary of the pathological findings of the schizo-phrenic patients as present in the files of this Department was presented to Dr. Linell.

Contacts with Other Pathological Work

A copy of some of the special stains used in this Laboratory for brain and nervous tissue was forwarded to Professor James Miller at Kingston for insertion into his new Manual of Pathology. The preparation of this copy was the work of Dr. Thompson.

In addition to the foregoing work, various conferences held in the Banting Institute on pathological material were attended by the staff of this Department. This material helps to give a greater understanding of neuropathology in general.

ANNUAL REPORT OF ONTARIO HOSPITALS CHEST CLINICS

(FOR THE FISCAL YEAR ENDING MARCH 31st, 1938.)

During the past fiscal year a further definite advance has been made in the tuberculosis diagnostic or case-finding programme.

Complete chest X-ray surveys of all resident patients and all Tuberculin-Positive staff in the Ontario Hospitals were commenced in May 1937. Such surveys have been conducted at the various Ontario Hospitals in turn, and at the end of this fiscal year only two more Hospitals remain to be surveyed in this manner. It is planned to repeat these surveys at each Hospital every year, transferring to the central T.B. Unit at New Toronto, those patients with definitely active tuberculosis, and segregating for further investigation at the Hospitals those patients with suspected active tuberculosis.

Following the completion of the initial survey at each Hospital, routine chest X-rays are secured for all incoming patients as well as for all incoming staff. Such films are forwarded each week from each Ontario Hospital to the central chest clinic office at the Ontario Hospital, New Toronto, for interpretation and report.

In this manner, all the resident patients and the Tuberculin-Positive staff at all the Hospitals, will be X-rayed every year. All new patients and new staff are X-rayed routinely upon coming to the Hospitals. Tuberculin-negative staff are retested with tuberculin every 6 months.

Such a programme is the most complete tuberculosis case-finding system known to be employed in any group of hospitals for mentally ill, epileptic, or mentally deficient patients. The results and figures obtained from this work should be instructive. Following the completion of the initial surveys at all the Ontario Hospitals, it is planned to submit a report upon the findings.

Unfortunately, the accommodation for tuberculous patients from our Mental Hospitals has not kept pace with the diagnostic programme. Although diagnosis and isolation are admittedly of great help in the control of tuberculosis, we know that proper isolation of mentally ill patients with infectious diseases is exceedingly difficult in most of our Ontario Hospitals. Furthermore, a considerable number of the patients so diagnosed as having active pulmonary tuberculosis would benefit from artificial pneumothorax treatments, which treatments are not practical until the patient can be brought to a central Tuberculosis Unit or Hospital.

The following table sets forth the situation as it existed near the end of this fiscal year (with surveys at 2 more hospitals to be completed). These figures will serve to indicate the urgent need for greater accommodation devoted to the care of tuberculous mentally ill, epileptic, and mentally deficient patients in our Ontario Hospitals.

	Male	Female	Total
Number in T.B. Units at New Toronto & Concord......	146	154	300
Number under isolation at the various Ontario Hospitals awaiting transfer to the T.B. Units	53	5	58
Number under segregation for further investigation at the various Ontario Hospitals (suspected active tuberculosis—great majority of these will require to be transferred)	300	242	542
Totals	499	401	900

During the past fiscal year, Dr. W. Mosley was returned to work in the Department, and Dr. D. G. McKerracher was transferred to the Toronto Psychiatric Hospital. Dr. J. J. Weber was transferred to the chest service, and Dr. O. V. Dent and Dr. F. T. Fralick were appointed.

The superintendents and medical staffs of the Hospitals have co-operated and given their assistance to this work. Dr. G. C. Brink has continued to take a very active interest in this service and to him and the other members of the Chest Consultant Board we express our appreciation.

ONTARIO HOSPITAL SCHOOLS OF NURSING

MISS ESTHER A. ROTHERY, Reg. N., Supervisor of Nursing

The following is a brief report of the Ontario Hospital Schools of Nursing during the year 1937—1938:

Health Supervision:

This includes necessary immunization against diphtheria, scarlet fever, typhoid fever and smallpox during the preliminary course. Physical examinations, including chest x–ray, have routinely been done on entrance, and the physical examination has been repeated twice between that time and completion of training. The routine tuberculosis programme, which includes tuberculin tests, chest x-rays and other necessary examinations, has been carried out by the Clinic which visits each hospital approximately every five months.

The revised health record recently issued should give a more complete picture of the student's health throughout training, and guarantee a careful check on the supervision given.

Hours of Duty:

These have been appreciably reduced. The weekly schedule for day duty in four schools is below fifty-eight.

Instruction and Supervision:

Indications are that the teaching programme is much better organized. Two factors in this are the admission of students in regular classes and the appointment of full-time qualified nurse instructors.

General Hospital Affiliation:

The extension of this part of the course to one full year is most gratifying. The students are now entering the affiliate general hospital school in definite classes, at such times during the year that they may receive the necessary lecture courses. In most instances this is in the summer or at the beginning of the academic year in the Autumn. It is felt that our students are definitely now getting a much better organized and better supervised affiliate course. One school is sending the students for affiliation in the second year. Psychiatric nursing and mental hygiene are emphasized in their final year at the home school. This is proving a desirable plan. The same arrangements are being made for the men students at Whitby.

Selection of Students:

There is much evidence that a more careful selection of students has been made with regard to both educational qualifications and personality. We have found that students meet the minimum requirement and a large percentage exceed this.

In the seven schools, during 1937, one hundred and twenty-six candidates were admitted to the preliminary classes and seventeen were eliminated during or at the end of the preliminary term.

The re-opening of the undergraduate school at Whitby has attracted a group of desirable applicants. Eighteen were accepted into the first class, the majority of whom have completed at least Junior Matriculation.

Course of Men Nurses:

The response of young men to the announcement of the organization of this course at Whitby last Autumn would suggest that there will be sufficient initerested and desirable applicants. Twelve men entered in November, 1937. On completion of the course, which includes a carefully planned year in the Toronto General Hospital, these men should be able to help fill the long felt need for better nursing service on the men's wards.

Records:

These are on the whole satisfactory. Records of classroom instruction and clinical experience are complete. Educational certificates show more accurately the standing of students on entrance to the school.

Psychiatric Affiliation:

The course organized at the Ontario Hospital, London, commenced October first, 1937, admitting eleven students from the following general hospitals: Victoria Hospital, London 2; St. Joseph's Hospital, London 2; Public General Hospital, Chatham 1 ; St. Joseph's Hospital, Chatham 1; Memorial Hospital, St. Thomas 1; Stratford General Hospital 2; Grace Hospital, Windsor 2. The interest which has been demonstrated would suggest that there will be a growing demand for this affiliation.

University Post-Graduate Courses:

The three Ontario Hospital staff nurses who were selected by the Department to take the course in Teaching and Hospital Administration at the University of Toronto School of Nursing last year are making excellent contributions in the schools at Whitby, New Toronto and London.

Seven nurses are taking the course this year and we anticipate valuable contributions from each in the undergraduate, affiliate and post-graduate teaching programmes.

The policy of the Department in selecting suitable nurses and assisting them in taking this course is a most commendable one and it is expected that the results will prove that it is a worth while undertaking.

STATISTICAL TABLES

TABLE
MOVEMENT OF
YEAR ENDING

HOSPITAL	To Population											
	First Admissions			Re-Admissions			Transfers Received			Total Added to Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	106	92	198	34	32	66	2	7	9	142	131	273
Cobourg	0	61	61	0	3	3	0	19	19	0	83	83
Fort William	74	0	74	7	0	7	8	0	8	89	0	89
Hamilton	237	144	381	77	49	126	13	15	28	327	208	535
Kingston	99	66	165	35	21	56	8	2	10	142	89	231
London	213	157	370	59	50	109	4	1	5	276	208	484
New Toronto	127	115	242	29	8	37	83	78	161	239	201	440
Orillia	120	105	225	9	3	12	6	4	10	135	112	247
Penetang	14	11	25	5	2	7	23	11	34	42	24	66
Toronto	179	157	336	48	38	86	8	16	24	235	211	446
Whitby	227	230	457	86	77	163	6	4	10	319	311	630
Woodstock	56	46	102	16	12	28	4	27	31	76	85	161
TOTALS	1,452	1,184	2,636	405	295	700	165	184	349	2,022	1,663	3,685

No. 1

PATIENT POPULATION

MARCH 31st, 1938

From Population															Change in Population		
Discharged			Died			Transferred to Other Hospitals			Eloped			Total from Population					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
86	68	154	32	25	57	6	15	21	0	0	0	124	108	232	+18	+23	+41
0	41	41	0	7	7	0	22	22	0	3	3	0	73	73	0	+10	+10
50	0	50	5	0	5	0	0	0	0	0	0	55	0	55	+34	0	+34
188	117	305	63	60	123	29	17	46	7	0	7	287	194	481	+40	+14	+54
83	67	150	49	16	65	22	12	34	2	0	2	156	95	251	—14	—6	—20
193	129	322	56	55	111	12	26	38	4	0	4	265	210	475	+11	—2	+9
126	87	213	72	63	135	22	16	38	1	0	1	221	166	387	+18	+35	+53
32	38	70	34	22	56	21	31	52	21	7	28	108	98	206	+27	+14	+41
14	6	20	11	10	21	12	6	18	0	0	0	37	22	59	+5	+2	+7
90	98	188	55	53	108	19	29	48	5	2	7	169	182	351	+66	+29	+95
220	186	406	44	63	107	14	10	24	8	1	9	286	260	546	+33	+51	+84
48	37	85	14	9	23	5	5	10	2	0	2	69	51	120	+7	+34	+41
1,130	874	2,004	435	383	818	162	189	351	50	13	63	1,777	1,459	3,236	+245	+204	+449

TABLE
PATIENT POPULATION AS ON

HOSPITAL	Population, April 1st, 1937											
	Patients in Hospital			Patients on Probation			Patients Boarding-out			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	515	521	1,036	35	25	60	10	18	28	560	564	1,124
Cobourg	0	447	447	0	29	29	0	4	4	0	480	480
Fort William	69	0	69	13	0	13	0	0	0	82	0	82
Hamilton	845	776	1,621	33	49	82	17	17	34	895	842	1,737
Kingston	609	540	1,149	24	23	47	34	28	62	667	591	1,258
London	810	743	1,553	57	64	121	29	63	92	896	870	1,766
New Toronto	806	650	1,456	49	55	104	65	30	95	920	735	1,655
Orillia	939	890	1,829	44	73	117	0	0	0	983	963	1,946
Penetang	366	229	595	7	2	9	4	11	15	377	242	619
Toronto	537	556	1,093	31	33	64	17	33	50	585	622	1,207
Whitby	824	804	1,628	46	71	117	37	51	88	907	926	1,833
Woodstock	291	252	543	16	21	37	0	0	0	307	273	580
TOTALS	6,611	6,408	13,019	355	445	800	213	255	468	7,179	7,108	14,287

*This includes 349 transfers. Actual number of

No. 2

APRIL 1st, 1937, AND MARCH 31st, 1938

Population, March 31st, 1938												Total Number of Patients on Books during Year		
Patients in Hospital			Patients on Probation			Patients Boarding-out			Total on Books					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
536	526	1,062	24	38	62	18	23	41	578	587	1,165	702	695	1,397
0	461	461	0	25	25	0	4	4	0	490	490	0	563	563
105	0	105	11	0	11	0	0	0	116	0	116	171	0	171
877	797	1,674	36	41	77	22	18	40	935	856	1,791	1,222	1,050	2,272
609	540	1,149	23	16	39	21	29	50	653	585	1,238	809	680	1,489
830	762	1,592	42	49	91	35	57	92	907	868	1,775	1,172	1,078	2,250
859	683	1,542	29	45	74	50	42	92	938	770	1,708	1,159	936	2,095
971	938	1,909	39	39	78	0	0	0	1,010	977	1,987	1,118	1,075	2,193
375	225	600	3	1	4	4	18	22	382	244	626	419	266	685
621	593	1,214	17	32	49	13	26	39	651	651	1,302	820	833	1,653
836	844	1,680	56	79	135	48	54	102	940	977	1,917	1,226	1,237	2,463
290	296	586	24	11	35	0	0	0	314	307	621	383	358	741
6,909	6,665	13,574	304	376	680	211	271	482	7,424	7,312	14,736	9,201	8,771	17,972 *

patients under supervision or treatment during year was 17,623.

TABLE No. 3

CHANGE IN PATIENT POPULATION

April 1st, 1937, to March 31st, 1938

HOSPITAL	Patients in Hospital			Patients on Probation			Patients Boarding-out			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	+ 21	+ 5	+ 26	— 11	+ 13	+ 2	+ 8	+ 5	+ 13	+ 18	+ 23	+ 41
Cobourg	0	+ 14	+ 14	0	— 4	— 4	0	0	0	0	+ 10	+ 10
Fort William	+ 36	0	+ 36	— 2	0	— 2	0	0	0	+ 34	0	+ 34
Hamilton	+ 32	+ 21	+ 53	+ 3	— 8	— 5	+ 5	+ 1	+ 6	+ 40	+ 14	+ 54
Kingston	0	0	0	— 1	— 7	— 8	— 13	+ 1	— 12	— 14	— 6	— 20
London	+ 20	+ 19	+ 39	— 15	— 15	— 30	+ 6	— 6	0	+ 11	— 2	+ 9
New Toronto	+ 53	+ 33	+ 86	— 20	— 10	— 30	— 15	+ 12	— 3	+ 18	+ 35	+ 53
Orillia	+ 32	+ 48	+ 80	— 5	— 34	— 39	0	0	0	+ 27	+ 14	+ 41
Penetang	+ 9	— 4	+ 5	— 4	— 1	— 5	0	+ 7	+ 7	+ 5	+ 2	+ 7
Toronto	+ 84	+ 37	+121	— 14	— 1	— 15	— 4	— 7	— 11	+ 66	+ 29	+ 95
Whitby	+ 12	+ 40	+ 52	+ 10	+ 8	+ 18	+ 11	+ 3	+ 14	+ 33	+ 51	+ 84
Woodstock	— 1	+ 44	+ 43	+ 8	— 10	— 2	0	0	0	+ 7	+ 34	+ 41
TOTAL	+298	+257	+555	— 51	— 69	—120	— 2	+ 16	+ 14	+245	+204	+449

TABLE No. 4

ANNUAL INCREASE IN PATIENT POPULATION (1) 1919-1938

HOSPITAL YEAR (2)	Total on Books at End of Year	Increase or Decrease over Previous Year.	
		Number	Per Cent
1919	7,482	....	....
1920	7,689	207	2.7
1921	7,970	281	3.5
1922	8,368	398	4.7
1923	8,775	407	4.6
1924	9,109	334	3.7
1925	9,489	380	4.0
1926	9,656	167	1.7
1927	9,708	52	0.5
1928	9,775	67	0.7
1929	10,032	257	2.6
1930	10,390	358	3.4
1931	10,930	540	4.9
1932	11,498	568	4.9
1933	12,236	738	6.4
1934	12,883	647	5.3
1935 (5 months)	12,878	—4	....
1936	13,870	990	7.7
1937	14,287	418	3.0
1938	14,736	449	3.1

(1) The annual increase as shown in this table indicate the increases in the number of patients *shown on the books of mental hospitals.* The figures therefore include patients in hospital, in boarding homes and on probation at the stated times.

(2) The years 1918-1934 are fiscal years ending October 31. The years 1936-1938 are fiscal years ending March 31. The period designated 1935 in this table is a five month period only, namely November 1st, 1934 and March 31st, 1935. These increases do *not* necessarily reflect increases in the prevalence of mental disorders in the community, since they are largely determined by enlargement of hospital accommodation.

TABLE No. 5

FIRST ADMISSIONS DURING THE YEAR AND PATIENTS IN HOSPITAL AT THE END OF THE YEAR BY COUNTY OR DISTRICT OF RESIDENCE.

Counties and Districts	*Estimated Population	Admitted During Year			†Remaining in Residence			Rate Per 100,000
		M.	F.	T.	M.	F.	T.	
Algoma District	50,098	15	9	24	181	135	316	631
Brant	57,892	29	10	39	98	95	193	333
Bruce	45,645	10	13	23	67	76	143	313
Carleton	184,066	55	60	115	301	351	652	354
Cochrane	62,716	37	17	54	133	53	186	297
Dufferin	15,957	5	4	9	26	26	52	326
Dundas	17,442	3	1	4	20	16	36	206
Durham	27,833	4	13	17	53	48	101	363
Elgin	47,130	23	19	42	72	77	149	316
Essex	172,933	64	46	110	275	228	503	291
Frontenac	49,357	36	15	51	146	85	231	468
Glengarry	20,039	3	3	6	43	30	73	364
Grenville	17,813	3	10	13	43	53	96	539
Grey	62,345	14	12	26	128	99	227	364
Haldimand	23,008	7	6	13	39	33	72	313
Haliburton	6,309	2	1	3	12	5	17	269
Halton	28,575	8	5	13	41	35	76	266
Hastings	63,829	33	21	54	123	105	228	357
Huron	48,985	8	8	16	71	71	142	290
Kenora	23,750	10	2	12	45	19	64	269
Kent	67,911	30	18	48	126	92	218	321
Lambton	59,005	13	12	25	111	98	209	354
Lanark	35,626	16	9	25	76	60	136	382
Leeds	38,223	21	18	39	78	91	169	442
Lennox and Addington	20,411	4	7	11	42	50	92	451
Lincoln	58,634	19	17	36	103	92	195	333
Manitoulin	11,504	2	1	3	21	10	31	269
Middlesex	128,030	64	43	107	258	323	581	454
Muskoka District	22,637	10	5	15	62	65	127	561
Nipissing District	44,532	23	11	34	130	79	209	469
Norfolk	33,770	13	4	17	46	51	97	287
Northumberland	34,141	18	15	33	71	62	133	390
Ontario	64,571	26	24	50	110	78	188	291
Oxford	51,583	16	16	32	72	90	162	314
Parry Sound District	27,833	4	7	11	64	59	123	442
Peel	30,430	12	8	20	42	55	97	319
Perth	55,665	11	18	29	76	94	170	305
Peterborough	47,501	12	19	31	53	77	130	274
Prescott	26,719	11	1	12	62	40	102	382
Prince Edward	17,813	5	4	9	28	26	54	303
Rainy River District	18,926	5	3	8	35	15	50	264
Renfrew	56,407	21	16	37	114	103	217	385
Russell	20,039	2	2	4	45	23	68	339
Simcoe	90,548	31	30	61	184	181	365	403
Stormont	35,255	15	15	30	55	58	113	321
Sudbury	63,087	14	14	28	101	84	185	293
Temiskaming	70,509	18	9	27	56	42	98	139
Thunder Bay District	40,079	56	21	77	211	117	328	818
Victoria	27,833	6	13	19	54	61	115	413
Waterloo	97.228	25	21	46	97	136	233	240
Welland	89,435	28	19	47	123	122	245	274
Wellington	62,716	12	17	29	115	119	234	373
Wentworth	205,589	114	74	188	416	404	820	399
York	926,637	385	396	781	1,919	2,203	4,122	445
Unascertained		2	0	2	12	21	33	
Other Provinces		19	2	21	35	15	50	
TOTAL	3,706,548	1,452	1,184	2,636	7,120	6,936	14,056	379

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* Registrar-General's Report—1937.

† Includes Patients in Boarding Homes in this and all succeeding tables unless otherwise specified.

TABLE No. 6

RELIGIOUS AFFILIATION OF FIRST ADMISSIONS AND PATIENTS IN RESIDENCE ON MARCH 31st, 1938

RELIGION	First Admissions				Patients in Residence			
	Male	Female	Number	%	Male	Female	Number	%
Baptist	65	55	120	*4.6*	321	361	682	*4.9*
Episcopalian	283	261	544	*20.6*	1340	1443	2783	*19.8*
Jew	27	25	52	*2.0*	143	138	281	*2.0*
Presbyterian	167	133	300	*11.4*	881	929	1810	*12.9*
Roman Catholic	370	269	639	*24.2*	1909	1411	3320	*23.6*
United Church	277	276	553	*21.0*	1378	1585	2963	*21.1*
Other Denominations*	212	136	348	*13.2*	746	708	1454	*10.3*
Unascertained	51	29	80	*3.0*	402	361	763	*5.4*
TOTALS	1452	1184	2636	*100.0*	7120	6936	14056	*100.0*

*Includes Congregationlists

TABLE

PATIENTS IN RESIDENCE BY PSYCHOSIS AND AGE

PSYCHOSES	TOTAL			Under 15 Years			15-19 Years			20-24 Years			25-29 Years			30-34 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	19	3	22							3	0	3	1	0	1	2	0	2
2. Senile	187	259	446															
3. With Cerebral Arteriosclerosis	184	153	337										2	1	3			
4. General Paralysis	401	91	492				3	2	5	1	2	3	6	1	7	18	4	22
5. With Cerebral Syphilis	11	4	15															
6. With Huntington's Chorea	12	13	25										1	2	3	1	0	1
7. With Brain Tumour	0	1	1							0	1	1						
8. With other Brain or Nervous Diseases	43	22	65				2	1	3	3	2	5	3	2	5	5	4	9
9. Alcoholic	71	16	87													9	2	11
10. Due to Drugs and other Exogenous Toxins	6	11	17										1	1	2		1	1
11. With Pellagra																		
12. With other Somatic Diseases	34	78	112	0	1	1	1	2	3	0	6	6	2	9	11	4	8	12
13. Manic-depressive	593	689	1282				6	6	12	19	12	31	20	24	44	44	41	85
14. Involution Melancholia	75	209	284													0	4	4
15. Dementia Praecox	3171	3058	6229	1	1	2	46	30	76	171	89	260	263	176	439	387	268	655
16. Paranoia or Paranoid Conditions	104	117	221										6	2	8	5	6	11
17. Epileptic Psychoses	241	207	448	2	2	4	7	6	13	17	14	31	26	23	49	24	29	53
18. Psychoneuroses and Neuroses	42	58	100							2	3	5	6	6	12	5	9	14
19. With Psychopathic Personality	13	6	19							0	1	1	1	1	2	2	0	2
20. With Mental Deficiency	330	308	638				9	8	17	35	20	55	34	32	66	32	33	65
21. Undiagnosed	28	16	44				1	1	2	1	0	1	2	0	2	2	1	3
22. Without Psychosis	1555	1617	3172	321	193	514	297	321	618	213	280	493	178	179	357	125	161	286
A—Epileptics—not insane or feeble-minded	52	43	95	1	1	2	5	9	14	8	8	16	8	7	15	5	5	10
B—Epileptics—who are feeble-minded	192	217	409	42	24	66	29	40	69	28	41	69	27	30	57	20	23	43
C—Alcoholism without psychoses	22	1	23													2	0	2
D—Drug addiction without psychoses	8	2	10										1	0	1	3	0	3
E—Psychopathic personality without psychoses	21	8	29				2	0	2				4	0	4	4	2	6
F—Mental deficiency	1225	1311	2536	266	162	428	254	257	511	176	227	403	134	140	274	88	128	216
G—Others	35	35	70	12	6	18	7	15	22	1	4	5	4	2	6	3	3	6
TOTAL	7120	6936	14056	324	197	521	372	377	749	465	430	895	552	459	1011	665	571	1236

No. 7
YEAR ENDING MARCH 31st, 1938

35-39 Years			40-44 Years			45-49 Years			50-54 Years			55-59 Years			60-64 Years			65-69 Years			70 Years and over			Unascertained		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.
1	0	1	2	1	3	3	0	3	2	0	2	2	2	4	1	0	1	1	0	1	1	0	1	...	...	...
...	...	...	...	...	...	1	0	1	5	6	11	14	7	21	35	22	57	36	38	74	95	184	279	1	2	3
...	...	...	2	0	2	7	6	13	11	5	16	20	19	39	32	28	60	42	34	76	68	60	128	...	...	...
66	21	87	75	13	88	78	20	98	63	14	77	46	6	52	29	4	33	10	3	13	5	1	6	1	0	1
1	1	2	4	1	5	3	0	3	1	0	1	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...
2	0	2	1	3	4	3	1	4	3	0	3	0	3	3	1	1	2	0	1	1	0	2	2	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	4	11	6	4	10	3	1	4	2	0	2	4	3	7	2	1	3	4	0	4	2	0	2	...	...	...
8	1	9	10	4	14	8	1	9	14	5	19	9	1	10	5	0	5	4	0	4	4	2	6	...	...	...
1	3	4	3	2	5	1	1	2	0	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	11	16	4	8	12	0	6	6	4	10	14	3	4	7	6	5	11	4	7	11	1	1	2	...	...	...
52	66	118	73	74	147	80	101	181	101	112	213	71	82	153	57	70	127	38	53	91	31	48	79	1	0	1
1	2	3	0	21	21	2	29	31	22	46	68	21	45	66	15	23	38	7	19	26	7	20	27	...	...	...
396	360	756	443	385	828	388	405	793	371	367	738	276	338	614	205	259	464	138	193	331	81	176	257	5	11	16
14	6	20	13	8	21	19	30	49	13	11	24	16	22	38	6	16	22	9	14	23	3	2	5	...	...	...
33	17	50	32	22	54	32	34	66	21	15	36	11	13	24	17	11	28	11	13	24	7	8	15	1	0	1
8	10	18	5	3	8	5	12	17	7	9	16	3	3	6	0	2	2	...	...	...	1	1	2	...	...	...
3	1	4	2	1	3	2	2	4	1	0	1	2	0	2	...	...	...	...	...	...	...	...	...	...	...	...
31	54	85	50	31	81	37	34	71	42	29	71	25	38	63	14	14	28	15	11	26	5	4	9	1	0	1
4	3	7	5	2	7	5	2	7	3	4	7	2	1	3	0	1	1	0	1	1	3	0	3	...	...	...
102	114	216	94	90	184	73	76	149	46	72	118	40	45	85	33	42	75	21	21	42	10	20	30	2	3	5
4	6	10	3	0	3	2	1	3	3	2	5	4	2	6	5	1	6	4	1	5	...	...	...	...	...	...
11	16	27	10	18	28	12	12	24	5	3	8	3	5	8	2	4	6	3	0	3	0	1	1	...	...	...
9	0	9	6	0	6	3	1	4	2	0	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	0	2	1	1	2	1	0	1	...	...	...	...	...	...	...	...	...	0	1	1	...	...	...	...	...	...
5	1	6	1	1	2	2	2	4	...	...	...	1	0	1	2	1	3	0	1	1	...	...	...	...	...	...
69	91	160	72	68	140	53	59	112	35	66	101	32	38	70	24	36	60	10	17	27	10	19	29	2	3	5
2	0	2	1	2	3	0	1	1	1	1	2	...	...	...	...	...	...	4	1	5	...	...	...	...	...	...
735	674	1409	824	673	1497	750	761	1511	732	708	1440	567	634	1201	458	499	957	340	408	748	324	529	853	12	16	28

TABLE

PATIENTS IN RESIDENCE

AGE GROUPS	TOTAL			Brockville			Cobourg			Fort William			Hamilton		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	324	197	521	1	0	1	......	......	......	......	......	......	......	......	......
15-19	372	377	749	7	6	13	0	82	82	3	0	3	22	9	31
20-24	465	430	895	33	12	45	0	97	97	10	0	10	37	14	51
25-29	552	459	1011	34	27	61	0	35	35	9	0	9	61	41	102
30-34	665	571	1236	47	40	87	0	35	35	12	0	12	86	56	142
35-39	735	674	1409	70	59	129	0	25	25	21	0	21	103	80	183
40-44	824	673	1497	59	54	113	0	18	18	13	0	13	111	103	214
45-49	750	761	1511	66	70	136	0	23	23	5	0	5	93	99	192
50-54	732	708	1440	65	71	136	0	31	31	13	0	13	117	94	211
55-59	567	634	1201	47	51	98	0	25	25	6	0	6	85	83	168
60-64	458	499	957	43	54	97	0	29	29	5	0	5	71	89	160
65-69	340	408	748	34	43	77	0	28	28	3	0	3	52	58	110
70 and over	324	529	853	47	60	107	0	37	37	5	0	5	59	86	145
Unascertained	12	16	28	1	2	3	......	......	......	......	......	......	2	3	5
TOTAL	7120	6936	14056	554	549	1103	......	465	465	105	......	105	899	815	1714

No. 8

BY HOSPITAL AND AGE

Kingston			London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
......	......	......	......	......	......	0	1	1	322	192	514	......	......	......	......	......	......	0	1	1	1	3	4
13	6	19	11	4	15	7	16	23	239	212	451	28	3	31	12	6	18	12	7	19	18	26	44
25	8	33	28	16	44	59	33	92	129	139	268	37	8	45	27	20	47	48	41	89	32	42	74
28	18	46	72	47	119	77	56	133	87	97	184	33	17	50	44	22	66	68	58	126	39	41	80
61	44	105	76	61	137	112	83	195	46	77	123	43	23	66	61	59	120	89	58	147	32	35	67
67	82	149	85	86	171	113	89	202	38	52	90	50	18	68	72	69	141	80	83	163	36	31	67
103	72	175	108	87	195	145	93	238	29	33	62	36	16	52	77	68	145	109	98	207	34	31	65
76	73	149	99	96	195	100	75	175	29	33	62	38	33	71	91	71	162	126	151	277	27	37	64
98	89	187	78	101	179	110	74	184	15	34	49	41	28	69	57	71	128	115	104	219	23	11	34
64	73	137	99	90	189	66	70	136	16	24	40	31	34	65	59	72	131	82	99	181	12	13	25
37	52	89	81	63	144	59	45	104	10	20	30	22	34	56	51	43	94	59	61	120	20	9	29
33	32	65	65	63	128	47	41	88	4	9	13	12	14	26	28	40	68	50	70	120	12	10	22
23	20	43	63	105	168	12	43	55	5	13	18	8	14	22	55	78	133	43	66	109	4	7	11
2	0	2	......	......	......	2	6	8	2	3	5	0	1	1	......	......	......	3	1	4	......	......	......
630	569	1199	865	819	1684	909	725	1634	971	938	1909	379	243	622	634	619	1253	884	898	1782	290	296	586

TABLE

PATIENTS IN RESIDENCE, MARCH 31st. 1938,

PSYCHOSES	TOTAL			Brockville			Cobourg			Fort William			Hamilton		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	19	3	22	2	0	2							5	2	7
2. Senile	187	259	446	27	31	58	0	12	12	3	0	3	22	33	55
3. With Cerebral Arterio-sclerosis	184	153	337	28	9	37	0	2	2	3	0	3	43	46	89
4. General Paralysis	401	91	492	41	15	56	0	2	2	5	0	5	79	16	95
5. With Cerebral Syphilis	11	4	15										1	0	1
6. With Huntington's Chorea	12	13	25	1	0	1	0	1	1				0	2	2
7. With Brain Tumour	0	1	1												
8. With other Brain or Nervous Diseases	43	22	65	3	3	6				1	0	1	9	1	10
9. Alcoholic	71	16	87	3	2	5	0	1	1	4	0	4	7	2	9
10. Due to Drugs and other Exogenous Toxins	6	11	17												
11. With Pellagra															
12. With other Somatic Diseases	34	78	112	1	4	5				1	0	1	1	13	14
13. Manic-depressive	593	689	1282	53	73	126	0	7	7	5	0	5	56	63	119
14. Involution Melancholia	75	209	284	12	22	34	0	4	4				10	30	40
15. Dementia Praecox	3171	3058	6229	309	330	639	0	121	121	64	0	64	490	494	984
16. Paranoia or Paranoid Conditions	104	117	221	5	7	12	0	1	1	7	0	7	10	8	18
17. Epileptic Psychoses	241	207	448	3	6	9	0	1	1	3	0	3	17	5	22
18. Psychoneuroses and Neuroses	42	58	100	2	3	5				1	0	1	8	8	16
19. With Psychopathic Personality	13	6	19	1	0	1							1	0	1
20. With Mental Deficiency	330	308	638	35	29	64	0	15	15	2	0	2	51	48	99
21. Undiagnosed	28	16	44										2	2	4
22. Without Psychosis	1555	1617	3172	28	15	43	0	298	298	6	0	6	87	42	129
A—Epileptic—not insane or feeble-minded	52	43	95							1	0	1	1	0	1
B—Epileptics—who are feeble-minded	192	217	409	2	0	2							3	0	3
C—Alcoholism without psychoses	22	1	23	2	0	2									
D—Drug addiction without psychoses	8	2	10										1	0	1
E—Psychopathic personality without psychoses	21	8	29	2	0	2							1	3	4
F—Mental deficiency	1225	1311	2536	20	15	35	0	295	295	5	0	5	79	38	117
G—Others	35	35	70	2	0	2	0	3	3				2	1	3
TOTAL	7129	6936	14056	551	549	1103	0	465	465	105	0	105	899	815	1714

No. 9

BY HOSPITAL AND PSYCHOSIS

Kingston			London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1	0	1	2	1	3	1	0	1				1	0	1	2	0	2	4	0	4	1	0	1
16	15	31	18	39	57	70	69	139							17	35	52	13	25	38	1	0	1
7	6	13	29	19	48	12	19	31				1	0	1	40	34	74	21	18	39			
15	6	21	64	11	75	69	17	86	0	1	1	4	1	5	71	16	87	53	6	59			
1	0	1	1	1	2	1	0	1							3	3	6	4	0	4			
1	0	1	2	6	8	1	2	3				1	0	1	3	1	4	3	1	4			
																		0	1	1			
5	2	7	8	4	12	1	1	2				1	1	2	5	5	10	10	5	15			
7	2	9	5	1	6	21	3	24							10	3	13	14	2	16			
			1	1	2	5	9	14										0	1	1			
8	6	14	4	10	14	6	17	23							4	8	12	9	20	29			
79	85	164	74	119	193	146	107	253				42	24	66	37	51	88	101	160	261			
5	24	29	8	32	40	14	53	67							10	17	27	16	27	43			
334	306	640	501	478	979	444	342	786	1	2	3	167	114	281	323	349	672	534	519	1053	4	3	7
16	13	29	10	10	20	28	22	50				3	1	4	12	4	16	13	51	64			
17	10	27	9	2	11	10	12	22	3	1	4	13	5	18	4	8	12	2	8	10	160	149	309
7	10	17	4	15	19	4	4	8							8	6	14	8	11	19	0	1	1
			3	3	6	1	1	2				5	0	5				2	2	4			
67	46	113	54	32	85	51	43	94	2	23	25	10	3	13	34	51	85	24	18	42			
4	2	6	6	5	11	2	0	2							8	4	12	6	3	9			
40	36	76	62	30	92	22	4	26	965	911	1876	131	94	225	43	24	67	47	20	67	124	143	267
						0	1	1				7	0	7	2	2	4				41	40	81
8	10	18	2	2	4				92	97	189	2	5	7				4	1	5	79	102	181
			3	0	3	8	0	8							1	0	1	8	1	9			
3	1	4	1	0	1	2	0	2							0	1	1	1	0	1			
0	1	1	3	0	3							12	0	12	3	3	6	0	1	1			
28	24	52	53	28	81	10	2	12	853	790	1643	109	86	195	37	17	54	27	16	43	4	0	4
1	0	1				2	1	3	20	24	44	1	3	4	0	1	1	7	1	8	0	1	1
630	569	1199	865	819	1684	909	725	1634	971	938	1909	379	243	622	634	619	1253	884	898	1782	290	296	586

TABLE No. 10

PATIENTS IN RESIDENCE BY PSYCHOSES 1934 — 1938*

(Rates Per 100,000 Population)

DIAGNOSIS	1934		1935		1936		1937		1938	
	No.	Rate†	No.	Rate†	No.	Rate†	No.	Rate†	No.	Rate†
Dementia Praecox	5,583	156.7	5,705	159.3	5,865	162.9	6,017	163.1	6229	167.0
Manic-depressive Psychoses	1,098	30.8	1,120	31.3	1,256	34.9	1,273	34.5	1282	34.4
Psychoses with Mental Deficiency	596	16.7	634	17.7	646	17.9	609	16.5	638	17.1
Senile Psychoses	418	11.7	401	11.2	444	12.3	441	11.9	446	12·0
Epileptic Psychoses	400	11.2	404	11.3	409	11.4	421	11.4	448	12.0
Mental Deficiency without Psychoses	....	....	....	....	2,183	60.6	2,375	64.4	2536	68.0
G.P.I. and Cerebral Syphilis	383	10.7	395	11.0	449	12.5	462	12.5	507	13.6
Psychoses with Cerebral Arteriosclerosis	269	7.5	285	7.9	318	8.8	315	8.5	337	9.0
Involution Melancholia	250	7.0	251	7.0	266	7.4	264	7.2	284	7.6
Paranoia and paranoid conditions	181	5.1	181	5.1	196	5.4	218	5.9	221	5.9
Alcoholic Psychoses	55	1.5	58	1.6	81	2.2	85	2.2	87	2.3
Alcoholism without psychoses	....	....	....	....	16	0.4	22	0.6	23	0.6
Epilepsy without Psychoses	....	....	....	....	592	16.4	473	12.8	504	13·5
All other‡	2,835	79.6	2,880	80.4	421	11.7	516	14.0	514	13.8
TOTAL	12,068	338.7	12,314	343.8	13,142	365.0	13,487	365.5	14,056	376.7

*1934 — Year ending October 31st.
1935 — Five Months ending March 31st.
1936 — 1938 — Year ending March 31st.
‡Data for 1934 & 1935 include mental deficiency, alcoholics & epileptics without psychoses
†Rate per 100,000 population.

TABLE No. 11

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY AGE

AGE	First Admissions		In Residence	
	Number	%	Number	%
Under 15 years	161	*6.1*	521	3.7
15-19 years	243	*9.2*	749	*5.3*
20-24 years	236	*9.0*	895	*6.4*
25-29 years	236	*9.0*	1011	*7.2*
30-34 years	259	*9.8*	1236	*8.8*
35-39 years	247	*9.4*	1409	*10.0*
40-44 years	226	*8.6*	1497	*10.7*
45-49 years	221	*8.4*	1511	*10.8*
50-54 years	205	*7.8*	1440	*10·3*
55-59 years	131	*4.9*	1201	*8.6*
60-64 years	135	*5.1*	957	*6.8*
65-69 years	110	*4.2*	748	*5.3*
70 years and over	225	*8.5*	853	*6.1*
TOTAL	2635	*100.0*	14028	*100.0*

TABLE No. 12

FIRST ADMISSIONS BY PLACE OF BIRTH

PLACE OF BIRTH	Male	Female	TOTAL
Canada	1,040	877	1,917
Africa	...	...	...
Australia	...	...	...
Armenia	1	...	1
Bulgaria	1	...	1
Austria	21	4	25
Belgium	1	1	2
Central America	...	...	...
China	12	...	12
Czecho-Slovakia	11	5	16
Denmark	1	1	2
England	123	123	246
Finland	30	17	47
France	2	2	4
Germany	3	4	7
Greece	3	...	3
Holland	5	1	6
Hungary	6	5	11
India	...	...	...
Ireland	31	14	45
Italy	14	6	20
Japan	...	...	...
Jugo-Slavia	7	5	12
Norway	...	...	...
Newfoundland	1	3	4
Poland	28	21	49
Roumania	4	3	7
Russia	13	6	19
Scotland	38	42	80
South America	1	1	2
Spain	...	...	...
Sweden	4	...	4
Switzerland	3	...	3
Turkey	...	1	1
United States	32	31	63
West Indies	2	1	3
Other British Possessions	4	3	7
Other Countries	5	5	10
Unascertained	5	2	7
TOTAL	1,452	1,184	2,636

TABLE No. 13

NATIVITY OF PARENTS OF FIRST ADMISSIONS

PARENTS	Male	Female	TOTAL	
			No.	%
Both Native Born	570	457	1,027	*38.9*
Both Foreign Born	535	453	988	*37.5*
Mixed	189	177	366	*13.9*
Unascertained	158	97	255	*9.7*

TABLE No. 14

LENGTH OF RESIDENCE IN CANADA PREVIOUS TO ADMISSION OF FOREIGN BORN FIRST ADMISSSIONS

LENGTH OF RESIDENCE	Male	Female	TOTAL	
			No.	%
Less than 5 years	9	11	20	*2.8*
5 to 9 years	49	48	97	*13.6*
10 to 14 years	97	49	146	*20.4*
15 years and over	236	181	417	*58.2*
Unascertained	19	17	36	*5.0*
TOTAL	410	306	716	*100.0*

TABLE No. 15

CITIZENSHIP OF FIRST ADMISSIONS

CITIZENSHIP	Male	Female	TOTAL	
			No.	%
Citizens by birth	1,040	877	1,917	*72.8*
Citizens by naturalization	181	123	304	*11.5*
Aliens	34	10	44	*1.7*
Citizenship unascertained	34	20	54	*2.0*
Citizens of British Birth outside Canada	163	154	317	*12.0*
TOTAL	1,452	1,184	2,636	*100.0*

TABLE No. 16

OCCUPATION OF FIRST ADMISSIONS PREVIOUS TO ADMISSION

OCCUPATION	Males	Females	TOTAL	
			No.	%
Professional: (Religious, Legal, Medical, Educational, Engineers, etc.)	38	51	89	*3.4*
Commercial — Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, etc.)	175	54	229	*8.7*
Agricultural: (Farmers, Gardeners, Stockmen, etc.)	209	1	210	*8.0*
Mechanics at Outdoor Vocations: (Stationary Engineers, Carpenters, Painters, Police, etc.	139	0	139	*5.3*
Mechanics, Etc. at Sedentary Vocations: (Shoemakers, Bookbinders, Tailors, Factory workers)	113	24	137	*5.2*
Housewives	0	555	555	*21.0*
Domestic Service (Waiters, Cooks, Servants, Housekeepers, Governesses, etc.)	35	182	217	*8.2*
Miners, Marine Engineers, Rlwy. Employees Etc.	52	0	52	*2.0*
Labourers	359	0	359	*13.6*
No Occupation	315	313	628	*23.8*
Unascertained	17	4	21	*0.8*
TOTAL	1452	1184	2636	*100.0*

TABLE No. 17

FIRST ADMISSIONS AND RE-ADMISSIONS BY METHOD OF CERTIFICATION

HOSPITALS	Physician's Certificate			Inspector's Warrant			Lieutenant-Governor's Warrant			Voluntary Application			Other Methods of Certification			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Brockville	109	107	216	2	2	4	2	......	2	23	15	38	4	......	4	140	124	264
Cobourg	......	51	10	......	5	5	......	8	8	......	......	......	......	......	......	......	64	64
Fort William	10	......	51	42	......	42	1	......	1	9	......	9	19	......	19	81	......	81
Hamilton	181	163	344	116	24	140	4	1	5	13	5	18	......	......	......	314	193	507
Kingston	80	65	145	7	1	8	2	......	2	28	17	45	17	4	21	134	87	221
London	138	175	313	33	4	37	1	......	1	17	19	36	83	9	92	272	207	479
New Toronto	73	81	154	64	35	99	1	2	3	18	5	23	......	......	......	156	123	279
Orillia	118	99	217	10	2	12	1	7	8	......	......	......	......	......	......	129	108	237
Penetang	11	10	21	1	......	1	4	1	5	1	2	3	2	......	2	19	13	32
Toronto	109	147	256	89	35	124	7	3	10	16	7	23	6	3	9	227	195	422
Whitby	136	211	347	80	29	109	......	......	......	97	67	164	......	......	......	313	307	620
Woodstock	50	46	96	7	3	10	4	1	5	8	8	16	3	......	3	72	58	130
TOTAL	1015	1155	2170	451	140	591	27	23	50	230	145	375	134	16	150	1857	1479	3336

TABLE No. 18

FIRST ADMISSIONS BY DIAGNOSIS APRIL 1st, 1937—MARCH 31st, 1938

PSYCHOSES	Male	Female	TOTAL
9. Traumatic psychoses	6	2	8
2. Senile psychoses	85	109	194
3. Psychoses with cerebral arteriosclerosis	93	72	165
4. General paresis	113	31	144
5. Psychoses with cerebral syphilis	2	1	3
6. Psychoses with Huntington's chorea	2	2	4
7. Psychoses with brain tumour	1	2	3
8. Psychoses with other brain or nervous diseases, total	9	2	11
(a) Cerebral embolism	1	......	1
(b) Paralysis agitans	......	1	1
(c) Meningitis, tubercular or other forms	......	......	......
(d) Multiple sclerosis	1	......	1
(e) Tabes dorsalis	......	......	......
(f) Acute chorea	......	......	......
(g) Other diseases	7	1	8
9. Alcoholic psychoses, total	30	6	36
(a) Delirium tremens	5	......	5
(b) Korsakow's psychosis	1	2	3
(c) Acute hallucinosis	19	1	20
(d) Other types, acute or chronic	5	3	8
10. Psychoses due to drugs & other exogenous toxins,	3	5	8
(a) Opium (and derivatives), cocaine bromides, chloral, etc., alone or combined	2	4	6
(b) Metals, as lead, arsenic	......	......	......
(c) Gases	......		......
(d) Other exogenous toxins	1	1	2
11. Psychoses with pellagra	......	......	......
12. Psychoses with other somatic diseases, total	24	41	65
(a) Delirium with infectious diseases	2	2	4
(b) Post-infectious psychosis	......	4	4
(c) Exhaustion delirium	3	6	9
(d) Delirium of unknown origin	3	2	5
(e) Cardio-renal diseases	4	4	8
(f) Diseases of the ductless glands	......	3	3
(g) Other diseases or conditions	12	20	32
13. Manic-depressive psychoses, total	152	173	325
(a) Manic type	49	59	108
(b) Depressive type	90	82	172
(c) Other types	13	32	45
14. Involution melancholia	22	68	90
15. Dementia praecox (schizophrenia)	332	262	594
16. Paranoia and paranoid conditions	22	21	43
17. Epileptic psychoses	35	26	61
18. Psychoneuroses and neuroses, total	32	41	73
(a) Hysterical Type	2	11	13
(b) Psychasthenic type (anxiety and obsessive forms)	13	9	22
(c) Neurasthenic type	12	15	27
(d) Other types	5	6	11
19. Psychoses with psychopathic personality	3	1	4
20. Psychoses with mental deficiency	21	30	51
21. Undiagnosed	20	18	38
22. Without psychosis, total	445	271	716
(a) Epileptics not psychotic or feeble-minded	28	20	48
(b) Epileptics who are feeble-minded	13	15	28
(c) Alcoholism without psychosis	66	6	72
(d) Drug addiction without psychosis	21	6	27
(e) Psychopathic personality without psychosis	26	5	31
(f) Mental deficiency	201	184	385
(g) Others	90	35	125
TOTAL	1452	1184	2636

TABLE No. 19

FIRST ADMISSIONS BY DIAGNOSIS. 1929-1938.*

(Rates per 100,000 population.)

Diagnosis	1929		1930		1931		1932		1933		1934		1935		1936		1937		1938	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Dementia Praecox	491	14.7	580	17.2	480	14.0	495	14.2	545	15.7	576	16.2	232	15.5	616	17.1	603	16.3	594	15.9
Manic-depressive Psychosis	227	6.8	185	5.5	276	8.0	300	8.6	303	8.6	306	8.6	110	7.4	394	10.9	334	9.1	325	8.7
Senile Psychoses	214	6.4	201	5.9	211	6.2	163	4.7	121	3.4	150	4.2	58	3.9	183	5.1	171	4.6	194	5.2
Mental Deficiency without Psychoses	147	4.4	165	4.9	159	4.6	368	10.6	299	8.5	309	8.7	73	4.9	369	10.2	375	10.2	385	10.3
G. P. I. and Cerebral Syphilis	102	3.0	115	3.4	138	4.0	130	3.7	142	4.0	140	4.0	49	3.3	145	4.0	124	3.4	147	3.9
Psychoses with Cerebral Arteriosclerosis	106	3.2	79	2.3	88	2.6	131	3.8	147	4.2	155	4.4	56	3.8	187	5.2	125	3.4	165	4.4
Psychoses with Mental Deficiency	91	2.7	68	2.0	70	2.0	90	2.6	96	2.7	67	1.9	27	1.8	86	2.4	54	1.5	51	1.4
Epileptic Psychoses	58	1.7	45	1.3	58	1.7	41	1.2	44	1.3	54	1.5	15	1.0	53	1.5	47	1.3	61	1.6
Involution Melancholia	98	2.9	86	2.5	74	2.1	79	2.3	52	1.5	57	1.6	23	1.5	73	2.0	72	1.9	90	2.4
Paranoia and Paranoid Conditions	31	0.9	33	1.0	65	1.9	65	1.9	53	1.5	42	1.2	22	0.6	52	1.4	69	1.8	43	1.2
Alcoholic Psychoses	25	0.7	42	1.2	35	1.0	25	0.7	24	0.7	19	0.5	9	0.6	62	1.7	39	1.1	36	1.0
Alcoholism without Psychoses	13	0.4	15	0.4	22	0.6	21	0.6	19	0.5	25	0.7	16	1.1	55	1.5	71	1.9	72	1.9
Epilepsy without Psychoses	60	1.8	39	1.2	27	0.8	54	1.6	85	2.4	65	1.8	29	1.9	101	2.8	56	1.5	76	2.0
All Other	190	5.7	206	6.1	219	6.4	288	8.3	268	7.6	276	7.7	118	7.9	391	10.8	396	10.7	397	10.6
TOTAL	1,853	55.5	1,859	54.7	1,922	56.0	2,250	64.8	2,198	62.5	2,241	63.9	837	56.1	1,767	76.9	2,536	68.7	2,636	70.7

* 1929—1934—Year ending October 31st.
1935—Five months ending March 31st.
1936—1938—Year ending March 31st.

TABLE No. 20

RACIAL ORIGIN OF FIRST ADMISSIONS BY PSYCHOSIS

PSYCHOSES	English			Irish			Scotch			French			All Others			Unascer-tained			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4				1	1	2	1	0	1	1	0	1				6	2	8
2. Senile	32	52	84	24	19	43	14	23	37	3	1	4	11	11	22	1	3	4	85	109	194
3. With Cerebral Arteriosclerosis	36	27	63	20	17	37	17	13	30	5	3	8	13	10	23	2	2	4	93	72	165
4. General Paralysis	37	11	48	11	5	16	13	4	17	9	1	10	41	10	51	2	0	2	113	31	144
5. With Cerebral Syphilis	1	1	2				1	0	1										2	1	3
6. With Huntington's Chorea	2	1	3				0	1	1										2	2	4
7. With Brain Tumour	0	1	1										1	1	2				1	2	3
8. With other Brain or Nervous Diseases	3	2	5	2	0	2	1	0	1				3	0	3				9	2	11
9. Alcoholic	13	2	15	3	4	7	3	0	3	1	0	1	10	0	10				30	6	36
10. Due to Drugs or other Exogenous Toxins	0	1	1	1	2	3	1	1	2				1	1	2				3	5	8
11. With Pellagra																					
12. With other Somatic Diseases	10	17	27	3	5	8	1	10	11	1	3	4	9	5	14	0	1	1	24	41	65
13. Manic-depressive	51	76	127	28	22	50	20	27	47	11	14	25	40	31	71	2	3	5	152	173	325
14. Involution Melancholia	13	37	50	2	18	20	4	8	12	1	1	2	2	4	6				22	68	90
15. Dementia Praecox	121	106	227	37	41	78	33	21	54	35	19	54	102	71	173	4	4	8	332	262	594
16. Paranoid or Paranoid Conditions	10	10	20	2	4	6	1	3	4	4	0	4	5	3	8	0	1	1	22	21	43
17. Epileptic Psychoses	18	15	33	7	3	10	4	3	7	5	0	5	1	5	6				35	26	61
18. Psychoneuroses and Neuroses	12	22	34	8	9	17	3	6	9	3	3	6	6	1	7				32	41	73
19. With Psychopathic Personality							1	1	2				1	0	1	1	0	1	3	1	4
20. With Mental Deficiency	10	16	26	2	8	10	1	0	1	4	5	9	4	1	5				21	30	51
21. Undiagnosed	2	9	11	3	3	6	0	1	1	2	0	2	13	5	18				20	18	38
22. Without Psychosis	195	113	308	64	45	109	55	25	80	33	24	57	80	53	133	18	11	29	445	271	716
TOTAL	569	520	1089	217	205	422	174	148	322	118	74	192	344	212	556	30	25	55	1452	1184	2636

TABLE No. 21

PREVIOUS EDUCATION OF FIRST ADMISSIONS BY PSYCHOSIS

PSYCHOSES	Illiterate			Reads and Writes			Common School			High School			University			Unascer-tained			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic				1	0	1	2	1	3	2	1	3				1	0	1	6	2	8
2. Senile	12	9	21	21	19	40	35	42	77	6	10	16	2	2	4	9	27	36	85	109	194
3. With Cerebral Arteriosclerosis	4	1	5	15	6	21	48	41	89	9	10	19	3	0	3	14	14	28	93	72	165
4. General Paralysis	5	1	6	20	6	26	61	15	76	11	4	15				16	5	21	113	31	144
5. With Cerebral Syphilis							2	1	3										2	1	3
6. With Huntington's Chorea							2	0	2	0	2	2							2	2	4
7. With Brain Tumor							1	0	1	0	2	2							1	2	3
8. With other Brain or Nervous Diseases	1	0	1	2	0	2	3	1	4	1	0	1				2	1	3	9	2	11
9. Alcoholic				3	0	3	19	2	21	2	4	6	3	0	3	3	0	3	30	6	36
10. Due to Drugs and other Exogenous Toxins				0	1	1	1	2	3	1	1	2	1	1	2				3	5	8
11. With Pellagra																					
12. With other Somatic Diseases	2	0	2	4	1	5	16	27	43	1	10	11	1	1	2		2	2	24	41	65
13. Manic-depressive	4	3	7	17	15	32	95	84	179	19	67	86	10	1	11	7	3	10	152	173	325
14. Involution Melancholia	2	0	2	2	3	5	16	40	56	1	20	21	1	1	2	0	4	4	22	68	90
15. Dementia Praecox	9	8	17	49	33	82	164	124	288	71	74	145	12	4	16	27	19	46	332	262	594
16. Paranoia or paranoid conditions	2	0	2	2	1	3	14	16	30	2	3	5	1	1	2	1	0	1	22	21	43
17. Epileptic Psychoses	5	3	8	2	10	12	21	9	30	5	4	9	1	0	1	1	0	1	35	26	61
18. Psychoneuroses and Neuroses	1	1	2	2	2	4	20	20	40	8	17	25	0	1	1	1	0	1	32	41	73
19. With Psychopathic Personality							3	1	4										3	1	4
20. With Mental Deficiency	7	3	10	5	12	17	3	12	15		1	1				6	2	8	21	30	51
21. Undiagnosed				4	1	5	13	11	24		5	5	1	0	1	2	1	3	20	18	38
22. Without Psychosis	127	83	210	72	110	182	161	53	214	59	17	76	16	2	18	10	6	16	445	271	716
TOTAL	181	112	293	221	220	441	700	502	1202	198	252	450	52	14	66	100	84	184	1452	1184	2636

TABLE

AGE OF FIRST ADMISSIONS

PSYCHOSES	Under 15 Years			15–19 Years			20–24 Years			25–29 Years			30–34 Years			35–39 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic							1	0	1	0	1	1						
2. Senile																		
3. With Cerebral Arteriosclerosis																		
4. General Paralysis							1	0	1	2	1	3	14	2	16	20	7	27
5. With Cerebral Syphilis													0	1	1	1	0	1
6. With Huntington's Chorea																		
7. With Brain Tumour							0	1	1				1	1	2			
8. With other Brain or Nervous Diseases							2	0	2	1	0	1				1	1	2
9. Alcoholic				1	0	1							3	2	5	5	0	5
10. Due to Drugs and other Exogenous Toxins										0	1	1	1	1	2			
11. With Pellagra																		
12. With other Somatic Diseases	0	2	2	2	2	4	0	4	4	2	5	7	1	5	6	2	3	5
13. Manic-depressive	0	1	1	2	6	8	9	14	23	15	16	31	15	23	38	16	24	40
14. Involution Melancholia																		
15. Dementia Praecox	1	1	2	34	15	49	67	40	107	64	44	108	55	47	102	35	34	69
16. Paranoia or Paranoid Conditions													4	0	4	0	2	2
17. Epileptic Psychoses	1	1	2	1	4	5	7	2	9	5	3	8	3	1	4	1	5	6
18. Psychoneuroses and Neuroses				0	1	1	2	2	4	5	3	8	8	7	15	5	8	13
19. With Psychopathic Personality										0	1	1				1	0	1
20. With Mental Deficiency				3	7	10	3	1	4	1	6	7	5	2	7	4	8	12
21. Undiagnosed				0	1	1	3	1	4	1	2	3	2	2	4	3	1	4
22. Without Psychosis	91	63	154	70	94	164	45	31	76	37	20	57	33	20	53	48	12	60
TOTAL	93	68	161	113	130	243	140	96	236	133	103	236	145	114	259	142	105	247

No. 22

BY PSYCHOSIS

40–44 Years			45–49 Years			50–54 Years			55–59 Years			60–64 Years			65–69 Years			70 Years and over			Unascertained			TOTAL		
M	F	T.	M.	F.	T.	M.	F.	T.	M	F	T.	M	F	T.	M	F	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1	0	1	1	0	1	1	0	1	1	0	1	0	1	1	....	....	....	1	0	1	....	....	....	6	2	8
....	....	....	1	0	1	....	....	....	0	2	2	7	6	13	11	16	27	66	85	151	....	....	....	85	109	194
....	....	....	4	2	6	6	2	8	12	9	21	16	18	34	23	15	38	32	26	58	....	....	....	93	72	165
20	5	25	18	7	25	11	2	13	9	5	14	11	1	12	5	0	5	2	1	3	....	....	....	113	31	144
....	....	....	1	0	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	3
0	1	1	....	....	....	1	0	1	0	1	1	1	0	1	....	....	....	....	....	....	....	....	....	2	2	4
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	3
2	0	2	2	0	2	1	0	1	0	1	1	....	....	....	....	....	....	....	....	....	....	....	....	9	2	11
6	2	8	3	1	4	7	1	8	....	....	....	1	0	1	3	0	3	1	0	1	....	....	....	30	6	36
1	0	1	0	1	1	0	2	2	....	....	....	1	0	1	....	....	....	....	....	....	....	....	....	3	5	8
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	4	6	2	5	7	2	3	5	3	3	6	7	2	9	0	3	3	1	0	1	....	....	....	24	41	65
19	19	38	22	23	45	21	22	43	12	14	26	9	8	17	10	2	12	2	1	3	....	....	....	152	173	325
1	15	16	3	8	11	9	24	33	6	10	16	2	7	9	1	4	5	....	....	....	....	....	....	22	68	90
31	26	57	20	23	43	10	17	27	3	7	10	8	3	11	3	4	7	1	0	1	0	1	1	332	262	594
5	1	6	4	8	12	4	4	8	2	3	5	3	3	6	....	....	....	....	....	....	....	....	....	22	21	43
1	3	4	4	4	8	3	1	4	3	1	4	2	1	3	3	0	3	1	0	1	....	....	....	35	26	61
3	7	10	4	6	10	2	4	6	2	2	4	1	1	2	....	....	....	....	....	....	....	....	....	32	41	73
1	0	1	....	....	....	1	0	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	1	4
1	3	4	1	1	2	1	1	2	1	1	2	....	....	....	....	....	....	1	0	1	....	....	....	21	30	51
1	0	1	4	5	9	2	4	6	1	0	1	1	1	2	1	1	2	1	0	1	....	....	....	20	18	38
37	8	45	24	9	33	29	7	36	16	1	17	8	5	13	4	1	5	3	0	3	....	....	....	445	271	716
132	94	226	118	103	221	111	94	205	71	60	131	78	57	135	64	46	110	112	113	225	0	1	1	1452	1184	2636

TABLE No. 23

THE PROPORTION OF FIRST ADMISSIONS COMING FROM RURAL AND URBAN CENTRES ACCORDING TO PSYCHOSIS

PSYCHOSES	Urban, 2,500 and over			Rural			TOTAL		
	M	F	T	M	F	T	M	F	T
1. Traumatic	6		7	......	1	1	6	2	8
2. Senile	57	89	146	28	20	48	85	109	194
3. With Cerebral Arteriosclerosis	61	59	120	32	13	45	93	72	165
4. General Paralysis	82	24	106	31	7	38	113	31	144
5. With Cerebral Syphilis	2	1	3	....	....	....	2	1	3
6. With Huntington's Chorea	2	1	3	....	1	1	2	2	4
7. With Brain Tumor	......	2	2	1	......	1	1	2	3
8. With other Brain or Nervous Diseases	8	2	10	1	....	1	9	2	11
9. Alcoholic	20	6	26	10	....	10	30	6	36
10. Due to Drugs & other Exogenous Toxins	3	4	7	....	1	1	3	5	8
11. With Pellagra	....	....	......	......	......	....	......	....	....
12. With other Somatic Disease	21	28	49	3	13	16	24	41	65
13. Manic-depressive	101	128	229	51	45	96	152	173	325
14. Involution-Melancholia	17	52	69	5	16	21	22	68	90
15. Dementia Praecox	235	208	443	97	54	151	332	262	594
16. Paranoia or Paranoid Conditions	15	20	35	7	1	8	22	21	43
17. Epileptic Psychoses	18	18	36	17	8	25	35	26	61
18. Psychoneuroses & Neuroses	25	33	58	7	8	15	32	41	73
19. With Psychopathic Personality	2	1	3	1	....	1	3	1	4
20. With Mental Deficiency	15	23	38	6	7	13	21	30	51
21. Undiagnosed	15	17	32	5	1	6	20	18	38
22. Without Psychoses	340	214	554	105	57	162	445	271	716
TOTAL	1045	931	1976	407	253	660	1452	1184	2636

TABLE NO. 24

HISTORY OF ALCOHOLISM AMONG FIRST ADMISSION BY PSYCHOSIS

DIAGNOSIS	Abstinent			Temperate			Intemperate			Unascertained			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Traumatic Psychosis	3	1	4	3	....	3	....	....	....	....	1	1	6	2	8
2. Senile Psychosis	39	90	129	35	13	48	8	....	8	3	6	9	85	109	194
3. With Cerebral Arteriosclerosis	46	58	104	33	9	42	9	....	9	5	5	10	93	72	165
4. General Paralysis	23	15	38	53	9	62	30	4	34	7	3	10	113	31	144
5. With Cerebral Syphilis	1	....	1	1	1	2	....	....	....	....	....	....	2	1	3
6. With Huntington's Chorea	....	1	1	2	1	3	....	....	....	....	....	....	2	2	4
7. With Brain Tumour	....	2	2	1	....	1	....	....	....	....	....	....	1	2	3
8. With other Brain or Nervous Diseases	2	1	3	6	....	6	1	....	1	....	1	1	9	2	11
9. Alcoholic Psychosis	....	....	....	....	....	....	30	6	36	....	....	....	30	6	36
10. Due to Drugs and other Exogenous Toxins	....	2	2	....	1	1	3	2	5	....	....	....	3	5	8
11. Pellagra	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....
12. With other Somatic Diseases	6	32	38	12	8	20	5	....	5	1	1	2	24	41	65
13. Manic-depressive Psychosis	55	124	179	73	33	106	22	5	27	2	11	13	152	173	325
14. Involution Melancholia	5	54	59	16	13	29	1	1	2	....	....	....	22	68	90
15. Dementia Praecox	143	193	336	138	52	190	32	4	36	19	13	32	332	262	594
16. Paranoia or Paranoid Conditions	7	20	27	12	1	13	2	....	2	1	....	1	22	21	43
17. Epileptic Psychoses	21	24	45	9	2	11	5	....	5	....	....	....	35	26	61
18. Psychoneuroses & Neuroses	15	28	43	12	10	22	5	2	7	....	1	1	32	41	73
19. With Psychopathic Personality	1	1	2	1	....	1	1	....	1	....	....	....	3	1	4
20. With Mental Deficiency	13	21	34	4	9	13	3	....	3	1	....	1	21	30	51
21. Undiagnosed	4	15	19	13	3	16	2	....	2	1	....	1	20	18	38
22. Without Psychosis	250	227	477	83	27	110	105	15	120	7	2	9	445	271	716
TOTAL	634	909	1543	507	192	699	264	39	303	47	44	91	1852	1184	2636

TABLE No. 25

ECONOMIC STATUS OF FIRST ADMISSIONS BY PSYCHOSIS

DIAGNOSIS	Indigent			Marginal			Comfortable			Affluent			Unascertained			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Traumatic Psychosis	2	....	2	2	....	2	2	2	4	....	....	....	....	....	....	6	2	8
2. Senile Psychosis	35	42	77	28	38	66	20	25	45	1	1	2	1	3	4	85	109	194
3. With Cerebral Arteriosclerosis	35	17	52	33	29	62	23	25	48	1	1	2	1	....	1	93	72	165
4. General Paralysis	57	11	68	42	13	55	10	3	13	1	....	1	3	4	7	113	31	144
5. With Cerebral Syphilis	1		1	1	1	2	....	....	....	....	....	....	....	....	....	2	1	3
6. With Huntington's Chorea	....	....	....	2	1	3	....	1	1	....	....	....	....	....	....	2	2	4
7. With Brain Tumour	1	....	1	....	1	1	....	....	....	....	1	1	....	....	....	1	2	3
8. With other Brain or Nervous Diseases	4	....	4	3	2	5	2	....	2	....	....	....	....	....	....	9	2	11
9. Alcoholic Psychosis	6	2	8	13	3	16	10	1	11	....	....		1	....	1	30	6	36
10. Due to Drugs and other Exogenous Toxins		1	1	1	1	2	2	2	4	....	1	1	....	....	....	3	5	8
11. Pellagra	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....	....	....
12. With other Somatic Diseases	11	10	21	6	8	14	7	19	26	....	....	....	....	4	4	24	41	65
13. Manic-depressive Psychosis	56	36	92	62	66	128	33	63	96	....	1	1	1	7	8	152	173	325
14. Involution Melancholia	6	6	12	9	23	32	7	37	44	....	....	....	....	2	2	22	68	90
15. Dementia Praecox	143	90	233	132	103	235	46	57	103	....	....	....	11	12	23	332	262	594
16. Paranoia or Paranoid Conditions	11	5	16	7	6	13	3	10	13	....	....	....	1	....	1	22	21	43
17. Epileptic Psychoses	17	7	24	12	17	29	6	1	7	....	....	....	....	1	1	35	26	61
18. Psychoneuroses & Neuroses	15	8	23	10	15	25	7	18	25	....	....	....	....	....	....	32	41	73
19. With Psychopathic Personality	2	1	3		....		1	....	1	....	....	....	....	....		3	1	4
20. With Mental Deficiency	11	15	26	8	11	19	..	2	2	....	....	....	2	2	4	21	30	51
21. Undiagnosed	7	5	12	7	8	15	4	3	7	1	....	1	1	2	3	20	18	38
22. Without Psychosis	194	144	338	172	84	256	61	27	88	3	3	6	15	13	28	445	271	716
TOTAL	614	400	1014	550	430	980	244	296	540	7	8	15	37	50	87	1452	1184	2636

TABLE No. 26
MARITAL STATUS OF FIRST ADMISSIONS BY PSYCHOSIS

DIAGNOSIS	Single			Married			Widowed			Separated			Divorced			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Traumatic Psychoses	2	1	3	4	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	2	8
2. Senile Psychoses	12	25	37	36	26	62	34	57	91	2	1	3	1	.....	1	85	109	194
3. With Cerebral Arteriosclerosis	15	14	29	57	29	86	20	29	49	1	.....	1	.....	.....	.....	93	72	165
4. General Paralysis	34	3	37	65	18	83	11	8	19	2	2	4	1	.....	1	113	31	144
5. With Cerebral Syphilis	.....	.....	.....	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	3
6. With Huntington's Chorea	.....	1	1	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	4
7. With Brain Tumour	.....	1	1	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3
8. With other Brain or Nervous diseases	4	.....	4	4	2	6	.....	.....	.....	1	.....	1	.....	.....	.....	9	2	11
9. Alcoholic Psychoses	12	.....	12	15	2	17	1	2	3	2	1	3	.....	1	1	30	6	36
10. Due to Drugs & other Exogenous Toxins	2	.....	2	1	4	5	.....	1	1	.....	.....		.....	.....	.....	3	5	8
11. Pellagra	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other Somatic Diseases	15	7	22	3	28	31	5	4	9	.....	1	1	1	1	2	24	41	65
13. Manic-depressive Psychoses	43	43	86	96	114	210	9	9	18	3	5	8	1	2	3	152	173	325
14. Involution Melancholia	5	14	19	14	42	56	1	10	11	2	1	3	.....	1	1	22	68	90
15. Dementia Praecox	258	119	377	64	126	190	7	7	14	3	7	10	.....	3	3	332	262	594
16. Paranoia or Paranoid Conditions	8	6	14	11	11	22	1	3	4	1	1	2	1	.....	1	22	21	43
17. Epileptic Psychoses	24	17	41	9	7	16	1	1	2	1	1	2	.....	.....	.....	35	26	61
18. Psychoneuroses & Neuroses	14	14	28	15	25	40	1	1	2	2	1	3	.....	.....	.....	32	41	73
19. With Psychopathic Personality	2	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	1	3	1	4
20. With Mental Deficiency	19	17	36	2	10	12	.....	2	2	.....	.....	.....	.....	1	1	21	30	51
21. Undiagnosed	9	4	13	10	12	22	1	2	3	.....	.....	.....	.....	.....	.....	20	18	38
22. Without Psychosis	297	226	523	123	38	161	15	1	16	5	4	9	5	2	7	445	271	716
TOTAL	775	512	1287	534	499	1033	107	137	244	25	25	50	11	11	22	1452	1184	2636

TABLE No. 27

DISTRIBUTION OF FIRST ADMISSIONS ACCORDING TO THE REPORTED ABNORMAL CONDITIONS IN RELATIVES AND PRESENT PSYCHOSIS

DIAGNOSIS	Psychoses	Neuroses	Mental Deficiency	Suicidal Attempts	Psychopathic Personality	Alcohol, Drugs, etc.	Unascertained	Denied	TOTAL
1. Traumatic Psychoses	1						1	6	8
2. Senile Psychoses	33	1	2	2		5	25	126	194
3. Psychoses with Cerebral Arteriosclerosis	34	1	2	5		2	25	96	165
4. General Paralysis	13		1	2		8	30	90	144
5. Psychoses with Cerebral Syphilis	1						1	1	3
6. Psychoses with Huntington's Chorea	3							1	4
7. Psychoses with Brain Tumour	1					1		1	3
8. Psychoses with other Brain or Nervous Diseases	1		1				2	7	11
9. Alcoholic Psychoses	4	1				3	3	25	36
10. Psychoses due to Drugs & other Exogenous Toxins						1		7	8
11. Psychoses with Pellagra									
12. Psychoses with other Somatic Diseases	9	1	3	1			8	43	65
13. Manic-depressive Psychoses	86	19	7	15		8	26	164	325
14. Involutional Melancholia	27	3	2	6		4	4	44	90
15. Dementia Praecox (Schizophrenia)	154	20	19	10	1	21	70	299	594
16. Paranoia or Paranoid Conditions	8	2	1	1		1	2	28	43
17. Epileptic Psychoses	9	5	3			4	3	37	61
18. Psychoneuroses & Neuroses	15	7	1	2		3	1	44	73
19. Psychoses with Psychopathic Personality	1					1		2	4
20. Psychoses with Mental Deficiency	9	2	3			3	12	22	51
21. Undiagnosed	5			1			6	26	38
22. Without Psychoses	88	46	120	6	2	38	79	337	716
TOTAL	502	108	165	51	3	103	298	1406	2636

TABLE NO. 28

LENGTH OF STAY OUT OF HOSPITAL OF THOSE RE-ADMITTED DURING THE YEAR

DIAGNOSIS	Length of Stay Out of Hospital Before Re-admission																											Total		
	Less than one month			1–4 Months			5–8 Months			9–11 Months			1–2 Years			3–5 Years			6–10 Years			Over 10 Years			Unascer-tained					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic Psychoses	1	0	1																									1	0	1
2. Senile Psychoses				1	0	1				1	0	1				1	0	1				3	0	3				6	0	6
3. With Cerebral Arteriosclerosis				0	1	1	1	1	2	4	3	7	2	2	4	1	0	1	0	2	2	1	0	1				9	9	18
4. General Paralysis	1	0	1	1	0	1				1	0	1	2	0	2	3	2	5										8	2	10
5. With Cerebral Syphilis																1	0	1										1	0	1
6. With Huntington's Chorea																			0	1	1							0	1	1
7. With Brain Tumour																														
8. With other Brain or Nervous Diseases	1	0	1				1	0	1				1	0	1	2	0	2	0	1	1							5	1	6
9. Alcoholic Psychosis	1	0	1				2	1	3				2	1	3				1	0	1							6	2	8
10. Due to Drugs & other Exogenous Toxins				1	0	1							0	1	1	0	1	1										1	2	3
11. With Pellagra																														
12. With other Somatic Diseases				1	1	2							0	2	2	0	1	1				0	2	2				1	6	7
13. Manic-depressive Psychosis	4	2	6	5	3	8	8	8	16	9	3	12	24	38	62	22	29	51	10	16	26	12	13	25	2	3	5	96	115	211
14. Involution Melancholia							0	1	1				0	1	1	1	0	1	0	2	2	1	1	2				2	5	7
15. Dementia Praecox	10	1	11	17	3	20	13	6	19	7	13	20	29	25	54	27	18	45	11	10	21	9	13	22	2	5	7	125	94	219
16. Paranoia or Paranoid Conditions	1	0	1				1	0	1	0	1	1	3	2	5	0	2	2				1	0	1				6	5	11
17. Epileptic Psychoses	1	1	2	0	1	1	1	2	3	2	0	2	6	4	10	0	3	3	0	1	1	2	0	2				12	12	24
18. Psychoneuroses & Neuroses	3	3	6	1	1	2							0	1	1	1	3	4	2	0	2	0	1	1				7	9	16
19. With Psychopathic Personality										1	0	1																1	0	1
20. With Mental Deficiency	2	1	3	1	0	1	0	1	1	0	1	1	1	1	2	1	3	4	1	0	1	3	2	5				9	9	18
21. Undiagnosed																2	0	2										2	0	2
22. Without Psychosis	12	5	17	18	3	21	13	0	13	13	1	14	25	9	34	10	2	12	5	1	6	9	2	11	2	0	2	107	23	130
Total	37	13	50	46	13	59	40	20	60	38	22	60	95	87	182	72	64	136	30	34	64	41	34	75	6	8	14	405	295	700

TABLE No. 29

DISPOSAL OF FIRST ADMISSIONS AND RE-ADMISSIONS DURING THE YEAR

DISPOSAL	Male	Female	TOTAL	
			No.	%
Discharged	466	244	710	*21.3*
Died	187	136	323	*9.7*
Transferred	23	25	48	*1.4*
Eloped and not recaptured	4	1	5	*0.2*
Boarding-out	25	20	45	*1.3*
On probation	121	182	303	*9.1*
Remaining in Hospital	1031	871	1902	*57.0*
TOTAL	1857	1479	3336	*100.0*

TABLE No. 31

DISTRIBUTION OF DISCHARGES ACCORDING TO CONDITION ON DISCHARGE

HOSPITALS	Recovered		Improved		Unimproved		Without Psychosis		TOTALS	
	No.	%	No.	%	No.	%	No.	%	No.	%
Brockville	52	*33.8*	65	*32.2*	7	*4.5*	30	*19.5*	154	*100.0*
Cobourg	1	*2.4*	5	*12.2*	....	....	35	*85.4*	41	*100.0*
Fort William .	9	*18.0*	35	*70.0*	2	*4.0*	4	*8.0*	50	*100.0*
Hamilton	84	*27.5*	108	*35.5*	26	*8.5*	87	*28.5*	305	*100.0*
Kingston	52	*34.7*	74	*49.3*	6	*4.0*	18	*12.0*	150	*100.0*
London	120	*37.3*	124	*38.5*	11	*3.4*	67	*20.8*	322	*100.0*
New Toronto .	43	*20.2*	137	*64.3*	1	*0.5*	32	*15.0*	213	*100.0*
Orillia	....	....	....	....	....	....	70	*100.0*	70	*100.0*
Penetang	3	*15.0*	9	*45.0*	....	....	8	*40.0*	20	*100 0*
Toronto	30	*16.0*	109	*58.0*	13	*6.9*	36	*19.1*	188	*100.0*
Whitby	135	*33.3*	151	*37.2*	11	*2.7*	109	*26.8*	406	*100.0*
Woodstock ...	19	*22.4*	9	*10.6*	7	*8.2*	50	*58.8*	85	*100.0*
TOTAL..	548	*27.3*	826	*41.2*	84	*4.2*	546	*27.3*	2004	*100.0*

TABLE

LENGTH OF STAY IN HOSPITAL OF PATIENTS DISCHARGED DURING

DIAGNOSIS	GRAND TOTAL			RECOVERIES															
				Total Recoveries			0–6 Months			7–11 Months			1–2 Years			3–5 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic Psychoses	2	2	4	0	2	2	0	2	2	......	......	......	......	......	......	......	......	......
2. Senile Psychoses	15	10	25	0	1	1	0	1	1	......	......	......	......	......	......	......	......	......
3. With Cerebral Arteriosclerosis	29	33	62	6	4	10	5	3	8	0	1	1	......	......	......	......	......	......
4. General Paralysis	42	13	55	2	1	3	0	1	1	1	0	1	......	......	......	1	0	1
5. With Cerebral Syphilis	4	1	5	1	0	1	1	0	1	......	......	......	......	......	......	......	......	......
6. With Huntington's Chorea	0	1	1	0	1	1	0	1	1	......	......	......	......	......	......	......	......	......
7. With Brain Tumour	0	1	1	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
8. With other Brain or Nervous Diseases	7	1	8	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
9. Alcoholic Psychosis	31	3	34	26	3	29	22	2	24	3	1	4	1	0	1	......	......	......
10. Due to Drugs & other Exogenous Toxins	6	8	14	5	7	12	3	7	10	1	0	1	1	0	1	......	......	......
11. With Pellagra	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
12. With other Somatic Diseases	14	31	45	8	17	25	7	12	19	1	2	3	0	1	1	0	2	2
13. Manic-depressive Psychosis	217	226	443	126	129	255	79	90	169	14	16	30	22	14	36	9	8	17
14. Involution Melancholia	16	45	61	7	21	28	4	15	19	1	2	3	1	2	3	1	1	2
15. Dementia Praecox	257	198	455	64	45	109	22	25	47	13	5	18	22	8	30	3	5	8
16. Paranoia or Paranoid Conditions	21	19	40	4	2	6	0	2	2	1	0	1	2	0	2	......	......	......
17. Epileptic Psychoses	23	21	44	12	7	19	2	0	2	1	0	1	3	3	6	4	1	5
18. Psychoneuroses & Neuroses	38	55	93	13	16	29	10	16	26	1	0	1	2	0	2	......	......	......
19. With Psychopathic Personality	4	2	6	3	1	4	2	1	3	......	......	......	1	0	1	......	......	......
20. With Mental Deficiency	21	25	46	6	5	11	2	3	5	2	2	4	2	0	2	......	......	......
21. Undiagnosed	6	10	16	2	1	3	2	1	3	......	......	......	......	......	......	......	......	......
TOTAL PSYCHOTIC*	753	705	1458	285	263	548	161	182	343	39	29	68	57	28	85	18	17	35

*Does not include "without psychoses,"

No. 30

THE YEAR BY CONDITION ON DISCHARGE AND PSYCHOSIS

						IMPROVED																				
Over 5 Years			Unascertained			Total Improved			0–6 Months			7–11 Months			1–2 Years			3–5 Years			Over 5 Years			Unascertained		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
						2	0	2	2	0	2															
						13	8	21	5	3	8	3	1	4	1	1	2	3	1	4	1	2	3			
1	0	1				22	23	45	13	14	27	2	3	5	2	4	6	5	2	7						
						39	12	51	20	7	27	6	2	8	7	3	10	6	0	6						
						3	1	4	1	1	2	1	0	1	1	0	1									
						7	1	8	3	1	4	1	0	1	2	0	2				1	0	1			
						4	0	4	3	0	3	1	0	1												
						1	1	2	1	1	2															
						3	13	16	3	10	13	0	1	1	0	2	2									
2	1	3				87	91	178	50	39	89	9	13	22	16	18	34	7	14	21	5	7	12			
0	1	1				7	21	28	1	11	12	0	2	2	3	4	7	2	3	5	1	1	2			
4	2	6				176	138	314	66	59	125	32	20	52	44	29	73	17	9	26	17	21	38			
1	0	1				16	16	32	10	9	19	3	1	4	3	4	7				0	2	2			
2	3	5				5	12	17	2	7	9	1	1	2	1	3	4	1	0	1				0	1	1
						23	37	60	17	32	49	2	1	3	3	2	5	1	2	3						
						0	1	1							0	1	1									
						15	20	35	7	6	13	1	3	4	2	9	11	3	1	4	2	1	3			
						4	4	8	4	3	7										0	1	1			
10	7	17				427	399	826	208	203	411	62	48	110	85	80	165	45	32	77	27	35	62	0	1	1

Male 377, Female 169, Total 546.

TABLE No. 30 (Continued)

PSYCHOSES	UNIMPROVED																	
	Total Unimproved			0–6 Months			7–11 Months			1–2 Years			3–5 Years			Over 5 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic																		
2. Senile	2	1	3	2	1	3												
3. With Cerebral Arteriosclerosis	1	6	7	1	4	5				0	1	1	0	1	1			
4. General Paralysis	1	0	1	1	0	1												
5. With Cerebral Syphilis																		
6. With Huntington's Chorea																		
7. With Brain Tumour	0	1	1	0	1	1												
8. With other Brain or Nervous Diseases																		
9. Alcoholic	1	0	1							1	0	1						
10. Due to Drugs and other Exogenous Toxins																		
11. With Pellagra																		
12. With other Somatic Diseases	3	1	4	2	1	3	1	0	1									
13. Manic-depressive	4	6	10	0	4	4	3	0	3	1	0	1	0	1	1	0	1	1
14. Involution Melancholia	2	3	5	1	2	3	1	0	1				0	1	1			
15. Dementia Praecox	17	15	32	9	5	14	2	2	4	5	2	7	0	6	6	1	0	1
16. Paranoia or Paranoid Conditions	1	1	2	0	1	1							1	0	1			
17. Epileptic Psychoses	6	2	8	5	1	6				1	1	2						
18. Psychoneuroses and Neuroses	2	2	4	2	1	3				0	1	1						
19. With Psychopathic Personality	1	0	1	1	0	1												
20. With Mental Deficiency																		
21. Undiagnosed	0	5	5	0	5	5												
TOTAL	41	43	84	24	26	50	7	2	9	8	5	13	1	9	10	1	1	2

TABLE No. 32

DISCHARGE RATES BY CONDITION ON DISCHARGE YEAR ENDING MARCH 31, 1938

HOSPITAL	Total Admissions	Patients* Treated	RECOVERED		IMPROVED		UNIMPROVED		WITHOUT PSYCHOSIS		TOTAL	
			Per 100 Admissions	Per 1000 Treated	Per 100 Admissions	Per 1000 Treated	Per 100 Admissions	Per 1000 Treated	Per 100 Admissions	Per 1000 Treated	Per 100 Admissions	Per 1000 Treated
Brockville ..	264	1,314	19.7	39.5	24.6	49.4	2.7	5.3	11.4	22.8	58.4	117.1
Cobourg	64	513	1.6	1.9	7.8	9.8	....	....	54.7	68.2	64.1	79.9
Fort William	81	160	11.1	56.2	43.2	218.7	2.4	12.5	4.9	25.0	61.6	312.5
Hamilton ...	507	2,142	16.6	39.2	21.3	50.3	5.1	12.1	17.2	40.7	60.2	142.3
Kingston	221	1,414	23.5	36.7	33.5	52.3	2.7	4.2	8.1	12.7	67.8	105.9
London	479	2,117	25.1	56.7	25.9	58.6	2.3	5.2	14.0	31.7	67.3	152.2
New Toronto	279	1,982	15.4	21.7	49.1	69.1	0.3	0.5	11.5	16.1	76.3	107.5
Orillia	237	2,035	....	....	....	....	....	....	29.5	34.4	29.5	34.4
Penetang	32	663	9.4	4.5	28.1	13.6	....	....	25.0	12.1	62.5	30.2
Toronto	422	1,549	7.1	19.4	25.8	70.3	3.1	8.4	8.5	23.3	44.5	121.4
Whitby	620	2,295	21.8	58.8	24.4	65.8	1.8	4.8	17.6	47.5	65.6	176.9
Woodstock ..	130	694	14.6	22.4	6.9	13.0	5.4	10.1	38.5	72.0	65.4	122.5
TOTAL....	3,336	16,878	16.4	32.5	24.7	48.9	2.5	5.0	16.4	32.3	60.0	118.7

*Patients in residence March 31st, 1938, plus discharges and deaths during the year.

TABLE No. 33

DISCHARGE RATES FOR SELECTED PSYCHOSES BY CONDITION ON DISCHARGE

PSYCHOSES	Total Admissions	Total Treated*	RECOVERED			IMPROVED			UNIMPROVED			TOTAL		
			No.	Per 100 Admissions	Per 1000 Treated	No.	Per 100 Admissions	Per 1000 Treated	No.	Per 100 Admissions	Per 1000 Treated	No.	Per 100 Admissions	Per 1000 Treated
Dementia Praecox	813	6,881	109	13.4	15.8	314	38.6	45.7	32	3.9	4.6	455	55.9	66.2
Manic Depressive	536	1,802	255	47.5	141.6	178	33.2	98.9	10	1.9	5.6	443	82.6	246.0
Psychoneuroses & Neuroses..	89	196	29	32.6	148.0	60	67.4	306.2	4	4.5	20.4	93	104.5	474.6
Senile and with Cerebral Arteriosclerosis	383	1,119	11	2.9	9.8	66	17.2	58.9	10	2.6	8.9	87	22.6	77.7
Involutional Melancholia	97	362	28	28.8	77.3	28	28.8	77.3	5	5.2	13.8	61	62.8	168.4
General Paralysis and Cerebral Syphilis	158	636	4	2.5	6.3	55	34.8	86.6	1	0.6	1.5	60	37.9	94.4
Other Psychoses	414	2,070	112	27.1	54.2	125	30.1	60.3	22	5.3	10.6	259	62.5	125.1
Total	2,490	13,066	548	22.0	41.9	826	33.2	63.2	84	3.4	6.4	1,458	58.6	111.6
Without Psychosis	846	3,812	......	....	....	......	....	....	......	....	......	546	64.5	143.3
TOTAL	3,336	16,878	548	22.0	41.9	826	33.2	63.2	84	3.4	6.4	20.04	60.1	118.7

*Patients in residence March 31, 1938 plus discharges and deaths during the year.

TABLE No. 34
DISCHARGE & DEATH RATES BY HOSPITAL
ONTARIO HOSPITALS 1938

HOSPITAL	Total Admissions	Total* Treated	DISCHARGES			DEATHS		
			Number	Per 100 Admissions	Per 1000 Treated	Number	Per 100 Admissions	Per 1000 Treated
Brockville	264	1,314	154	58.4	117.1	57	21.6	43.3
Cobourg	64	513	41	64.1	79.9	7	10.9	13.6
Fort William	81	160	50	61.6	312.5	5	6.2	31.2
Hamilton	507	2,142	305	60.2	142.3	123	24.3	57.3
Kingston	221	1,414	150	67.8	105.9	65	29.4	45.9
London	479	2,117	322	67.3	152.2	111	23.2	52.5
New Toronto	279	1,982	213	76.3	107.5	135	48.4	68.2
Orillia	237	2,035	70	29.5	34.4	56	23.7	27.5
Penetang	32	663	20	62.5	30.2	21	65.7	31.7
Toronto	422	1,549	188	44.5	121.4	108	25.6	69.8
Whitby	620	2,295	406	65.6	176.9	107	17.3	46.6
Woodstock	130	694	85	65.4	122.5	23	17.7	33.2
TOTAL	3,336	16,878	2,004	60.1	118.7	818	24.5	48.5

*Patients in residence March 31, 1938 plus discharge and deaths during year.

TABLE No. 35

DISCHARGE AND DEATH RATES FOR SELECTED PSYCHOSES YEAR ENDING **MARCH** 31, 1938

PSYCHOSES	Total Admissions	Patients* Treated	DISCHARGES			DEATHS		
			Number	Per 100 Admissions	Per 1000 Treated	Number	Per 100 Admissions	Per 1000 Treated
Senile*	383	1,119	87	22.6	77.7	249	65.1	224.5
Dementia Praecox	813	6,881	455	55.9	66.2	197	24.2	28.6
Manic Depressive	536	1,802	443	82.6	246.0	77	14.4	42.7
General Paresis‡	158	636	60	37.9	94.4	69	43.7	108.5
Epileptic	85	520	44	51.8	84.6	28	33.0	53.8
With Mental Deficiency	69	708	46	66.7	65 0	24	34.8	33.9
Other Psychoses	446	1,382	323	72.5	233.6	80	18.0	57.9
Without Psychosis	846	3,812	546	64.5	143.3	94	11.1	24.7
TOTAL	3,336	16,878	2,004	60.0	118.7	818	24.5	48.5

*Patients in residence March 31, 1938, plus discharges and deaths during the year

†Including psychosis with Cerebral Arteriosclerosis.

‡Including psychoses due to Cerebral Syphilis.

TABLE

CAUSE OF DEATH OF PATIENTS DYING

CAUSE OF DEATH	TOTAL	Senile	With Cerebral Arterio-sclerosis	General Paralysis	Alcoholic
1. EPIDEMIC, ENDEMIC & INFECTIOUS DISEASES:					
Influenza	1				
Dysentery	3	2			
Erysipelas	2				
Lethargic encephalitis	1				
Tuberculosis of the respiratory system	60				
Tuberculosis of other organs	3				
Syphilis (non-nervous forms)	2			2	
Purulent infection, septicaemia	10	1			
Other infectious diseases	16	2	1		
Sub-Total	98	5	1	2	
2 GENERAL DISEASES NOT INCLUDED IN CLASS 1.					
Cancer and other malignant tumours	22	5	2	1	
Other general diseases	5				
Sub-Total	27	5	2	1	
3. DISEASES OF THE NERVOUS SYSTEM:					
Meningitis (non-epidemic)	1				
Other diseases of the spinal cord	2				
Cerebral haemorrhage, apoplexy	42	8	15	2	
General paralysis of the insane	27			27	
Other forms of mental disease	28	1		1	
Epilepsy	8				
Chorea	1				
Other diseases of the nervous system	6		1		
Sub-Total	115	9	16	30	
4. DISEASES OF THE CIRCULATORY SYSTEM:					
Pericarditis	1				
Endocarditis and myocarditis	173	49	27	9	2
Angina pectoris	1				
Other diseases of the heart	21	5	2		
Arteriosclerosis	10	2	4		
Other diseases of the circulatory system	7		1		
Sub-Total	213	56	34	9	2

No. 36

DURING THE YEAR BY PSYCHOSES

Manic-Depressive	Involutional Melancholia	Dementia Praecox	Paranoia and Paranoid Conditions	Epileptic Psychoses	Psycho-Neuroses and Neuroses	With Mental Deficiency	All Others
......	......	......	......	......	......	......	1
1	......	......	......	......	......	......	......
......	......	2	......	......	......	......	......
1	......	......	......	......	......	......	......
7	......	37	......	2	......	5	9
1	......	2	......	......	......	......	......
......	......	......	......	......	......	......	......
1	......	1	......	......	......	1	6
1	......	8	......	......	......	......	4
12	......	50	......	2	......	6	20
2	......	5	1	......	......	......	6
1	......	3	......	.	......	......	1
3	......	8	1	......	......	......	7
1	......	......	......	......	......	......	......
......	......	......		......	......	1	1
5	......	9	......	1	......	......	2
......	......	......	......	......	......	......	......
5	1	4	......	......	......	3	13
......	......	1	......	3	......	......	4
......	......	......	......	......	......	......	1
1	......	2	......	1	......	......	1
12	1	16	......	5	......	4	22
......	......	......	......	......	......	......	1
18	2	37	1	5	2	7	14
......	......	......	......	......	......	......	1
1	......	7	......	1	......	......	5
......	......	2	......	......	......	......	2
2	......	2	......	......	......	......	2
21	2	48	1	6	2	7	25

TABLE

CAUSE OF DEATH OF PATIENTS DYING

CAUSE OF DEATH	TOTAL	Senile	With Cerebral Arterio-sclerosis	General Paralysis	
5. DISEASES OF THE RESPIRATORY SYSTEM:					
Bronchopneumonia	249	64	34	18	......
Lobar pneumonia	56	6	2	4	......
Pleurisy	2	......	......	1	......
Asthma	1	1	......	......	......
Other diseases of the respiratory system (tuberculosis excepted)	15	2	2	......	......
Sub-Total	323	73	38	23	......
6. DISEASES OF THE DIGESTIVE SYSTEM.					
Diseases of the pharynx & tonsils	1	......	......	......	......
Ulcer of stomach and duodenum	1	......	......	......	......
Diarrhoea and enteritis	3	......	......	......	1
Hernia and intestinal obstruction	4	......	1	......	......
Other diseases of the intestines	1	......	......	......	......
Cirrhosis of liver	3	......	......	2	......
Sub-Total	13	......	1	2	1
7. NON-VENERAL DISEASES OF GENITOURINARY SYSTEM AND ANNEXA:					
Nephritis	3	......	......	......	......
Other diseases of kidneys & annexa	1	......	1	......	......
Diseases of bladder	1	......	......	......	......
Benign tumours of uterus	1	......	......	......	......
Other diseases of genito-urinary system	1	......	......	......	......
Sub-Total	7	......	1	......	......
8. DISEASES OF SKIN AND CELLULAR TISSUE:					
Gangrene	3	1	1	......	......
9. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION	......	......	......	......	......
10. OTHER DISEASES NOT INCLUDED IN ABOVE GROUPS	6	3	......	......	......
11. EXTERNAL CAUSES:					
Suicide	5	1	......	......	......
Accidental traumatism	1	......	......	......	......
Other external causes	7	1	1	2	......
Sub-Total	13	2	1	2	......
GRAND TOTAL	818	154	95	69	3

No. 36

DURING THE YEAR BY PSYCHOSES

Manic-Depressive	Involutional Melancholia	Dementi Praecox	Paranoia and Paranoid Conditions	Epileptic Psychoses	Psycho-Neurose and Neuroses	With Mental Deficien	All Others
20	9	47	2	10	......	5	40
5	2	19	1	1	......	1	15
......	1	......	......	......	......	......	......
......	......	......	......	......	......	......	......
1	......	3	......	......	1	1	......
26	12	69	3	11	1	7	55
......	......	......	......	......	......	......	1
......	......	1	......	......	......	......	......
......	......	......	......	......	......	......	2
......	......	2	......	......	......	......	1
......	......	1	......	......	......	......	......
......	......	......	......	......	......	......	1
......	......	4	......	......	......	......	5
......	......	......	......	1	......	......	2
......	......	......	......	......	......	......	......
......	1	......	......	......	......	......	......
......	......	......	......	......	......	......	1
......	......	......	......	......	......	......	1
......	1	......	......	1	......	......	4
......	1	......	......	......	......	......	......
......	......	......	......	......	......	......	......
......	.	......	......	3		......	......
2	......	1	......	......	......	......	1
......	......	1	......	......	......	......	......
1	......	......	......	......	......	......	2
3	......	2	......		......	......	3
77	17	197	5	28	3	24	146

TABLE

AGE AT DEATH OF PATIENTS DYING

PSYCHOSES	Under 15 Years			15–19 Years			20–24 Years			25–29 Years			30–34 Years			35–39 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic Psychoses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Senile Psychoses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. With Cerebral Arteriosclerosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. General Paralysis	...	...	...	...	...	...	1	0	1	...	...	...	4	1	5	6	3	9
5. With Cerebral Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. With Huntington's Chorea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. With Brain Tumour	...	...	...	...	...	...	...	...	...	...	...	...	1	0	1	...	...	...
8. With other Brain or Nervous Diseases	...	...	...	...	...	...	0	1	1	...	...	...	0	1	1	...	...	...
9. Alcoholic Psychosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0	1
10. Due to Drugs or other Exogenous Toxins	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. With Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. With other Somatic Diseases	...	...	...	1	0	1	0	1	1	...	...	...	0	2	2	0	1	1
13. Manic-depressive Psychosis	...	...	...	...	...	...	1	0	1	1	1	2	2	3	5	3	3	6
14. Involution Melancholia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Dementia Praecox	...	...	...	1	1	2	9	5	14	9	2	11	9	4	13	8	6	14
16. Paranoia or Paranoid Conditions	...	...	...	...	...	...	...	...	...	...	...	...	0	1	1	...	...	...
17. Epileptic Psychoses	...	...	...	0	1	1	1	0	1	0	2	2	1	0	1	3	0	3
18. Psychoneuroses and Neuroses	...	...	...	...	...	...	...	...	...	...	...	...	0	1	1	...	...	...
19. With Psychopatic Personality	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. With Mental Deficiency	...	...	...	1	2	3	...	...	...	1	0	1	0	1	1	1	2	3
21. Undiagnosed	...	...	...	...	...	...	3	0	3	...	...	...	1	0	1	1	0	1
22. Without Psychosis	18	10	28	8	3	11	3	6	9	3	1	4	2	3	5	4	3	7
TOTAL	18	10	28	11	7	18	18	13	31	14	6	20	20	17	37	27	18	45

No. 37

DURING THE YEAR BY PSYCHOSIS

40–44 Years			45–49 Years			50–54 Years			55–59 Years			60–64 Years			65–69 Years			70 Years and over			TOTAL		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
......	......	......	......	......	......	......	......	......	1	0	1	......	......	......	......	......	......	1	0	1	2	0	2
......	......	......	0	1	1	0	1	1	0	2	2	1	1	2	5	6	11	62	75	137	68	86	154
......	......	......	0	1	1	......	......	......	5	3	8	6	9	15	12	8	20	25	26	51	48	47	95
8	3	11	10	1	11	7	2	9	7	5	12	6	1	7	1	0	1	3	0	3	53	16	69
......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	0	1	1	......	......	......	......	......	......	......	......	......	0	1	1	......	......	......	0	2	2
......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	1	0	1
1	0	1	1	0	1	1	0	1	2	0	2	......	......	......	......	......	......	0	1	1	5	3	8
......	......	......	......	......	......	1	0	1	1	0	1	......	......	......	......	......	......	......	......	......	3	0	3
......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
1	1	2	0	3	3	1	2	3	1	1	2	4	3	7	1	0	1	......	......	......	9	14	23
3	3	6	8	3	11	4	7	11	3	3	6	5	4	9	3	2	5	12	3	15	45	32	77
......	......	......	1	3	4	2	2	4	1	3	4	0	4	4	0	1	1	......	......	......	4	13	17
10	16	26	8	6	14	12	13	25	4	7	11	6	8	14	5	11	16	17	20	37	98	99	197
......	......	......	......	......	......	1	0	1	0	1	1	1	1	2	......	......	......	......	......	......	2	3	5
......	......	......	2	1	3	2	1	3	3	3	6	1	0	1	2	0	2	4	1	5	19	9	28
......	......	......	0	1	1	......	......	......	......	......	......	......	......	......	1	0	1	......	......	......	1	2	3
......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
1	0	1	2	2	4	0	1	1	2	2	4	1	0	1	2	1	3	2	0	2	13	11	24
1	0	1	2	2	4	1	1	2	......	......	......	1	0	1	1	1	2	0	1	1	11	5	16
0	2	2	3	2	5	2	3	5	1	3	4	4	1	5	2	4	6	3	0	3	53	41	94
25	25	50	37	27	64	34	33	67	31	33	64	36	32	68	35	35	70	129	127	256	435	383	818

TABLE

LENGTH OF STAY IN HOSPITAL OF PATIENTS

DIAGNOSIS	Less than 1 Month			1–3 Months			4–7 Months			8–12 Months			1–2 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic Psychoses				1	0	1	1	0	1						
2. Senile Psychoses	21	17	38	12	19	31	8	11	19	6	7	13	11	14	25
3. With Cerebral Arteriosclerosis	14	10	24	9	8	17	10	5	15	3	2	5	5	9	14
4. General Paralysis	11	3	14	13	8	21	6	2	8	1	1	2	9	1	10
5. With Cerebral Syphilis															
6. With Huntington's Chorea															
7. With Brain Tumour	1	0	1												
8. With other Brain or Nervous Diseases				1	0	1							2	2	4
9. Alcoholic Psychosis	1	0	1												
10. Due to Drugs or other Exogenous Toxins															
11. With Pellagra															
12. With other Somatic Diseases	4	9	13	2	2	4	0	2	2				1	1	2
13. Manic-depressive Psychosis	6	4	10	3	5	8	7	5	12	2	1	3	6	3	9
14. Involution Melancholia	0	1	1	1	3	4	0	1	1	1	2	3	1	4	5
15. Dementia Praecox	11	4	15	10	10	20	8	5	13	7	9	16	12	11	23
16. Paranoia or Paranoid Conditions										0	1	1			
17. Epileptic Psychoses	2	0	2							0	2	2	2	1	3
18. Psychoneuroses and Neuroses													0	1	1
19. With Psychopathic Personality															
20. With Mental Deficiency	5	2	7	0	1	1							1	1	2
21. Undiagnosed	8	3	11	0	1	1	2	0	2				1	1	2
22. Without Psychosis	6	1	7	7	8	15	5	1	6	4	2	6	10	5	15
TOTAL	90	54	144	59	65	124	47	32	79	24	27	51	61	54	115

No. 38

DYING DURING THE YEAR BY PSYCHOSIS

3–4 Years			5–6 Years			7–8 Years			9–10 Years			11–12 Years			13–14 Years			15–19 Years			20 Years and over			TOTAL		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
																								2	0	2
6	6	12	0	5	5	1	2	3	1	2	3	1	0	1	0	1	1	0	1	1	1	1	2	68	86	154
4	8	12	2	4	6	0	1	1							1	0	1							48	47	95
8	0	8	2	0	2	2	0	2							0	1	1	1	0	1				53	16	69
0	1	1	0	1	1																			0	2	2
																								1	0	1
1	0	1	0	1	1	1	0	1																5	3	8
1	0	1							1	0	1													3	0	3
1	0	1	1	0	1																			9	14	23
2	4	6	3	4	7	3	0	3	2	0	2	2	1	3	3	2	5	3	2	5	3	1	4	45	32	77
0	1	1				1	0	1													0	1	1	4	13	17
5	9	14	10	7	17	1	1	2	2	4	6	0	2	2	5	6	11	9	13	22	18	18	36	98	99	197
1	0	1	0	1	1	1	0	1										0	1	1				2	3	5
1	2	3	1	0	1	2	0	2							4	2	6	1	0	1	6	2	8	19	9	28
1	0	1	0	1	1																			1	2	3
3	2	5	0	2	2	1	0	1							0	2	2	1	1	2	2	0	2	13	11	24
																								11	5	16
2	7	9	0	2	2	2	1	3	3	0	3	4	1	5	1	1	2	4	7	11	5	5	10	53	41	94
36	40	76	19	28	47	15	5	20	9	6	15	7	4	11	14	15	29	19	25	44	35	28	63	435	383	818

TABLE

CLASSIFICATION OF STAFF

HOSPITALS	Superintendent	Senior Assistant Physician	Assistant Physicians	Clinic Physician	Consultants	Psychologist	Occupational Therapists	Dentist	Dietitian	Teachers	Instructors	Steward	Storekeeper	Store Assistants
Brockville	1	1	4	1	0	1	2	1	1	0	0	1	1	1
Cobourg	1	1	......	......	......	......	......	1	1	......	......	1	......	1
Fort William	1	......	......	......	......	......	......	......	......	......	......	1	......	......
Hamilton	1	1	6	1	......	1	4	1	1	......	1	1	1	1
Kingston	1	2	4	1	2	1	5	1	1	......	1	1	1	1
London	1	2	*7	......	1	1	4	1	1	......	......	1	1	1
New Toronto†	2	3	7	2	5	2	4	2	1	......	1	1	1	1
Orillia	1	2	3	......	1	1	......	1	1	11	2	1	1	1
Penetang	1	1	1	......	......	......	1	1	......	1	......	1	1	......
Toronto	1	1	4	......	3	......	5	1	1	......	......	1	1	1
Whitby	1	1	9	1	......	1	5	1	1	......	2	1	1	2
Woodstock	1	1	1	......	......	......	2	1	1	1	......	1	1	......
TOTAL	13	16	46	6	12	8	32	12	10	13	7	12	10	10

*Includes 4 Graduate Medical Internes. †Includes Concord Unit

No. 39

IN THE VARIOUS HOSPITALS.

Clerks, Stenographers, Etc.		Superintendent of Nurses	Nurse Supervisors	Graduate Nurses	Nurses-in-Training	Nurse Attendants	Chief Supervisor	Attendants	Kitchen and Dining Room		Laundry		Other Domestic Staff	Farmers, Gardeners, and Assistants	Engineers and Other Mechanical Staff	All Other Male Staff	All Other Female Staff	Total
M.	F.								M.	F.	M.	F.						
1	7	1	0	46	35	1	1	67	5	4	1	6	5	8	19	2	2	226
....	3	1	0	40	....	1	....	....	1	5	....	3	1	1	8	4	2	76
....	1	....	0	2	....	....	1	15	1	3	....	....	....	2	1	0	0	28
2	7	1	....	43	41	....	1	95	5	10	2	6	3	14	14	9	2	275
1	6	1	1	43	32	....	1	81	5	3	1	3	2	6	23	1	5	237
1	8	1	....	80	14	1	1	92	4	15	3	6	15	13	20	4	2	301
2	12	1	11	77	35	....	1	98	5	15	3	6	2	4	22	8	....	334
3	12	1	10	31	24	13	1	61	8	11	1	5	4	12	13	11	6	253
....	2	1	....	5	....	17	1	54	2	5	1	3	1	3	7	5	2	117
1	4	1	9	70	....	....	1	74	2	4	1	6	7	1	10	10	4	224
3	9	1	17	93	30	1	1	103	9	9	1	6	8	11	22	2	1	353
1	5	1	....	24	....	12	1	39	3	3	1	3	....	5	6	4	1	119
15	76	11	48	554	211	46	11	779	50	87	15	53	48	80	165	60	27	2543

TABLE

EXPENDITURES REPORTED

APRIL 1st, 1937—

	Brockville	Cobourg	Fort William	Hamilton	Kingston
Total Days Stay	393,342	162,985	30,534	610,855	433,465
Average Daily Population	1,077	446	83	1,674	1,188
	$	$	$	$	$
Medicines*	6,925.12	2,848.87	887.02	9,160.44	7,114.76
Provisions	58,603.40	31,414.79	6,076.02	87,474.83	75,053.01
Boarding Out	8,075.97	908.46	——	8,320.25	12,806.34
Fuel, Light and Water	33,675.89	20,253.43	3,255.57	56,368.41	35,470.07
Clothing	11,169.23	8,248.12	956.06	16,623.66	12,535.54
Laundry and Cleaning	5,502.38	3,570.44	967.61	6,795.88	5,660.93
Furniture and Furnishings	9,178.24	5,290.85	1,206.05	11,163.88	10,974.22
Office Expense	2,000.09	1,020.31	288.90	2,946.70	1,803.79
Allowances†	15,874.34	11,122.08	2,429.52	27,302.79	18,924.27
Feed and Fodder	12,395.70	——	2,569.44	20,533.21	4,517.88
Farm Expense	4,088.39	283.55	1,767.64	4,528.22	3,569.53
Contingencies	3,390.31	2,449.94	1,493.40	3,832.11	4,684.34
Salaries	229,420.00	85,640.02	32,656.88	272,956.46	248,063.61
Total Gross	400,299.06	173,050.86	54,554.11	528,006.84	441,178.29
Less Recoveries‡	134,757.18	26,860.59	19,616.59	201,156.63	120,553.62
Total Net	265,541.88	146,190.27	34,937.52	326,850.21	320,624.67
Repairs to Buildings Expense	13,374.61	5,718.91	6,514.50	15,184.12	12,460.68
TOTAL	278,916.49	151,909.18	41,452.02	342,034.33	333,085.35

*Medicines include tobacco.

†Allowances include employees' meals, employees' uniforms, employees' other allowances.

‡Recoveries include Farm recovery and miscellaneous receipts, Perquisites and Patients'

No. 40

BY ONTARIO HOSPITALS

MARCH 31st, 1938

London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock	ALL HOSPITALS
600,657	570,054	670,207	227,238	419,104	636,146	205,080	4,959,667
1,645	1,562	1,836	622	1,150	1,743	561	1,132
$	$	$	$	$	$	$	$
12,451.70	14,121.70	9,246.04	6,248.57	9,315.83	7,751.86	7,046.68	93,118.59
96,944.18	93,377.88	105,955.68	44,991.67	71,958.79	98,992.50	41,907.69	812,750.44
22,737.58	20,049.85	——	5,342.10	11,661.29	21,706.84	——	111,608.68
37,689.96	41,488.82	41,540.08	23,519.80	27,221.98	70,743.27	25,752.74	416,980.02
25,811.87	20,017.01	29,897.52	11,029.84	12,213.73	15,033.64	5,152.16	168,688.38
9,451.66	7,913.91	10,498.05	3,420.72	7,642.27	9,637.68	4,105.83	75,167.36
31,236.35	19,007.60	20,465.72	6,513.44	25,693.83	21,562.63	6,411.51	168,704.32
2,311.80	3,215.41	2,055.38	1,303.74	2,174.30	2,276.47	1,913.76	23,310.65
20,807.05	15,800.89	21,185.73	11,682.99	10,538.92	31,068.18	3,311.94	190,048.70
14,634.51	195.66	8,907.32	5,487.91	277.53	14,055.11	6,428.17	90,002.44
5,440.45	2,430.38	4,378.36	2,077.32	678.40	9,076.32	3,020.22	41,338.78
5,711.45	4,590.76	4,931.19	2,517.50	4,148.30	4,964.87	2,641.20	45,355.37
327,526.46	309,406.36	268,699.62	128,538.64	239,531.44	368,050.71	137,929.96	2,648,420.16
612,755.02	551,616.23	527,760.69	252,674.24	423,056.61	674,920.08	245,621.86	4,885,493.89
195,796.48	131,580.24	122,734.95	57,961.52	87,539.47	326,465.07	134,958.09	1,559,980.43
416,958.54	420,035.99	405,025.74	194,712.72	335,517.14	348,455.01	110,663.77	3,325,513.46
20,634.01	13,404.62	11,471.25	11,317.42	9,317.26	11,917.05	8,589.67	139,904.10
437,592.55	433,440.61	416,496.99	206,030.14	344,834.40	360,372.06	119,253.44	3,465,417.56

Maintenance.

TABLE No. 41

COST PER PATIENT PER DAY BY HOSPITAL

April 1st, 1937—March 31st, 1938

ITEMS	Brockville	Cobourg	Fort William	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock	ALL HOSPITALS
	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents
Medicines*	1.76	1.75	2.90	1.50	1.64	2.07	2.47	1.38	2.75	2.22	1.21	3.44	1.88
Provisions	14.90	19.27	19.90	14.32	17.31	16.14	16.38	15.81	19.80	17.17	15.56	20.43	16.39
Boarding-out	2.05	.56		1.36	2.95	3.79	3.52		2.35	2.78	3.41		2.25
Fuel, Light and Water	8.56	12.43	10.66	9.23	8.18	6.27	7.28	6.20	10.35	6.50	11.12	12.56	8.41
Clothing	2.84	5.06	3.13	2.72	2.89	4.30	3.51	4.46	4.85	2.91	2.36	2.51	3.40
Laundry and Cleaning	1.40	2.19	3.17	1.11	1.31	1.57	1.39	1.57	1.51	1.82	1.52	2.00	1.52
Furniture and Furnishings	2.33	3.25	3.95	1.83	2.53	5.20	3.33	3.05	2.87	6.13	3.39	3.13	3.40
Office Expense	.51	.63	.95	.48	.42	.38	.56	.31	.57	.53	.36	.93	.47
Allowances†	4.04	6.82	7.96	4.47	4.37	3.46	2.77	3.15	5.14	2.51	4.88	1.61	3.83
Feed and Fodder	3.15		8.42	3.36	1.04	2.44	.03	1.33	2.42	.06	2.21	3.13	1.81
Farm Expense	1.04	.17	5.79	.74	.83	.91	.43	.65	.91	.17	1.43	1.48	.83
Contingencies	.86	1.50	4.89	.63	1.08	.95	.81	.74	1.11	.99	.78	1.29	.91
Salaries	58.33	52.54	106.95	44.68	57.23	54.53	54.28	40.09	56.56	57.15	57.86	67.26	53.40
Total Gross per	101.77	106.17	178.67	86.43	101.78	102.01	96.76	78.74	111.19	100.94	106.09	119.77	98.50
Less Recoveries‡	34.26	16.47	64.25	32.93	27.82	32.59	23.08	18.31	25.51	20.88	51.32	65.81	31.45
Total Net per	67.51	89.70	114.42	53.50	73.96	69.42	73.68	60.43	85.68	80.06	54.77	53.96	67.05
Repairs to Buildings Expense	3.40	3.50	21.33	2.49	2.87	3.43	2.35	1.71	4.98	2.22	1.87	4.19	2.82
TOTAL	70.91	93.20	135.75	55.99	76.83	72.85	76.03	62.14	90.66	82.28	56.64	58.15	69.87

*Medicines include tobacco.
†Allowances include employees' meals, employees' uniforms and employees' other allowances.
‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

TABLE No. 42
REAL ESTATE

HOSPITAL	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or not Cultivated
	Owned	Rented				
Brockville	569	....	40	369	35	125
Cobourg	11	....	1	....	10	....
Fort William	1,250	....	15	405	25	805
Hamilton	525	....	112	339	74	....
Kingston	257	....	23	125	109	....
London	505	....	90	307	70	38
New Toronto	136	....	53	33	50	....
Orillia	500	30	98	180	100	152
Penetang	383	....	63	49	25	246
Toronto	20	....	3	....	17	....
Whitby	640	....	125	365	150	....
Woodstock	354	....	24	184	90	56
TOTAL	5150	30	647	2356	755	1422

TABLE No. 43
ANNUAL DENTAL REPORT
ONTARIO HOSPITALS — YEAR ENDING MARCH 31, 1938

	Brock-ville	Cobourg	Ham-ilton	King-ston	London	New Toronto	Orillia	Pene-tang	Toronto	Whitby	Wood-stock	Psychi-atric	TOTAL
Patients at Clinic	1,379	926	3,152	2,303	1,647	2,626	3,695	1,006	2,813	2,525	2,594	970	25,636
Examinations only	757	345	1,885	658	482	1,505	433	274	521	929	713	605	9,107
Public Charge Treated	472	873	902	964	950	755	2,717	704	2,276	1,445	1,493	335	13,886
Private Charge Treated	153	53	338	670	215	366	546	30	16	1,100	211	10	3,708
Patients x-rayed	38	0	12	8	178	15	80	0	71	214	2	0	618
Number of Pictures taken	91	0	5	17	2,375	44	149	0	517	1,310	5	0	4,513
Extractions	553	235	1,006	268	1,898	1,191	1,206	323	776	1,404	828	113	9,801
General Anaesthetics	23	0	4	0	56	2	6	0	15	1	0	1	108
Local Anaesthetics	261	217	94	264	839	407	753	306	569	1,399	398	75	5,582
Fillings	258	388	451	996	154	627	815	86	154	465	278	33	4,705
Pyorrhea Treatments	67	37	44	1,140	344	273	1,251	0	328	701	358	71	4,614
Prophylaxis	137	121	376	1,279	341	530	1,158	175	671	134	466	223	5,611
Other Treatments	28	75	184	2,384	302	202	458	0	1,004	142	154	159	5,092
Replacements	35	8	1	9	24	29	22	0	36	26	3	1	194
Dentures Repaired	26	12	11	21	34	33	18	37	49	30	56	11	338
Other Work	135	74	88	462	37	12	195	0	224	65	441	0	1,733

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL SCHOOL, ORILLIA

(Hospital for Mentally Defective)

TABLE No. 1

PATIENT POPULATION — MARCH 31st, 1937 — MENTAL STATUS

MENTAL STATUS	Male	Female	TOTAL	
			No.	%
Idiot	315	315	630	*33.0*
Imbecile	409	375	784	*41.1*
Moron	220	202	422	*22.1*
Border Line	27	33	60	*3.1*
Not feeble Minded	....	13	13	*.7*
TOTAL	971	938	1909	*100.0*

TABLE No. 2

AGE OF FIRST ADMISSIONS BY MENTAL STATUS

AGE GROUP (Years)	Idiot			Imbecile			Moron			Others			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	23	15	38	17	12	29	10	3	13	3	....	3	53	30	83
10 to 14	7	5	12	12	11	23	14	15	29	2	....	2	35	31	66
15 to 19	4	4	8	10	13	23	12	12	24	1	8	9	27	37	64
20 to 24	1	....	1	1	3	4	....	....	....	....	....	....	2	3	5
25 and over	1	....	1	2	3	5	....	1	1	....	....	....	3	4	7
TOTAL	36	24	60	42	42	84	36	31	67	6	8	14	120	105	225

TABLE No. 2a
PERCENT OF FIRST ADMISSIONS BY AGE AND MENTAL STATUS

AGE GROUP	Idiot	Imbecile	Moron	Others	TOTAL
Under 10 years	*63.3*	*34.4*	*19.4*	*21.4*	*36.9*
10 to 14 years	*20.0*	*27.4*	*43.3*	*14.3*	*29.3*
15 to 19 years	*13.3*	*27.4*	*35.8*	*64.3*	*28.5*
20 to 24 years	*1.7*	*4.8*	....	....	*2.2*
25 years and over	*1.7*	*6.0*	*1.5*	... ...	*3.1*
TOTAL	*100.0*	*100.0*	*100.0*	*100.0*	*100.0*

TABLE No. 3
FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITIONS OF THE FAMILIES FROM WHICH THEY COME

ECONOMIC CONDITIONS	Idiot			Imbecile			Moron			Others			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Indigent	11	8	19	12	15	27	17	16	33	3	2	5	43	41	84
Marginal	15	11	26	23	18	41	12	6	18	2	6	8	52	41	93
Comfortable	7	4	11	6	5	11	4	4	8	....	....	......	17	13	30
Unascertained	3	1	4	1	4	5	3	5	8	1	....	1	8	10	18
TOTAL	36	24	60	42	42	84	36	31	67	6	8	14	120	105	225

TABLE No. 3a
PERCENT OF FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITION OF THE FAMILIES FROM WHICH THEY COME

ECONOMIC CONDITIONS	Idiot	Imbecile	Moron	Others	TOTAL
Indigent	*31.7*	*32.1*	*49.3*	*35.7*	*37.3*
Marginal	*43.3*	*48.8*	*26.9*	*57.1*	*41.3*
Comfortable	*18.3*	*13.1*	*11.9*	....	*13.4*
Unascertained	*6.7*	*6.0*	*11.9*	*7.2*	*8.0*
TOTAL	*100.0*	*100.0*	*100.0*	*100.0*	*100.0*

TABLE No. 4

AGE AT TIME OF DISCHARGE BY MENTAL STATUS

AGE GROUP (Years)	Idiot			Imbecile			Moron			Others			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 10 ..	...	..	......	1	4	5	.....	....	......	....	....	....	1	4	5
10 to 14	2	2	4	5	2	7	...	3	3	....	...	....	7	7	14
15 to 19	1	......	1	3	3	6	3	7	10	4	2	6	11	12	23
20 to 24	......		......	1	1	2	7	6	13	...	1	1	8	8	16
25 to 29	....	......	....	2	2	4	....	1	1	1	1	2	3	4	7
30 and over	....	...	....	1	1	2	......	2	2	...	....		1	3	4
TOTAL	3	2	5	13	13	26	10	19	29	5	4	9	31	38	69

TABLE No. 5

AGE AT DEATH OF PATIENTS DYING DURING THE YEAR BY MENTAL STATUS

AGE GROUP (Years)	Idiot			Imbecile			Moron			Others			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 10 ..	8	7	15	2	......	2	......	....	....	......	....	......	10	7	17
10 to 14	5	3	8	4	... ...	4	....	....	....	...	...	....	9	3	12
15 to 19	2	1	3	5	1	6	....	...	... ...	.....	1	1	7	3	10
20 to 24	2	2	4	2	1	3	......	.....	....	......	1	1	4	4	8
25 to 29	....	...	1	1	.....	1	....	....	....	....	....	....	1	... ...	1
30 and over	1	....	1	2	4	6	....	....	....	..	1	1	3	5	8
TOTAL	18	13	3	16	6	22	......	....	....	....	3	3	34	22	56

MENTAL HEALTH CLINICS

C. R. MYERS, Ph.D., Consultant Psychologist

TABLE No. 1

NEW CASES EXAMINED — YEAR ENDING MARCH 31, 1938*

CLINICS	Number of New Cases	
	Current Year	All Years
Toronto Psychiatric	588	5,311
London	535	4,460
Hamilton	576	4,428
Whitby	346	2,531
Brockville	504	2,989
ALL CLINICS	2,549	19,719

* Figures for Kingston Clinic not available.

Cases examined at the Toronto Psychiatric Hospital Out-Patient Department are not included in the following analysis.

TABLE No. 2

NEW CASES BY RACIAL ORIGIN

RACE	Number of Cases*		Percentages	
	Current Year	All Years	Current Year	All Years
English	540	6,037	*39.0*	*39.8*
Irish, Scotch & Welsh	329	4,161	*23.8*	*27.4*
French	248	2,687	*17.9*	*17.7*
Other	266	2,290	*19.2*	*15.1*

*Excluding those not specified.

TABLE No. 3

SEX OF NEW CASES

SEX	Number of Cases		Percentages	
	Current Year	All Year	Current Year	All Year
Male	1,088	10,961	*55.5*	*57.9*
Female	873	7,981	*44.5*	*42.1*
TOTAL	1,961	18,942	*100.0*	*100.0*

TABLE No. 4

AGE OF NEW CASES

AGE	Number of Cases*		Percentages*	
	Current Year	All Year	Current Year	All Years
0 - 5	190	1,934	*9.8*	*10.6*
6 - 13	573	7,914	*29.6*	*43.3*
14 - 21	404	3,912	*20.9*	*21.4*
22 and over	767	4,498	*39.7*	*24.6*

*Excluding those not specified.

TABLE No. 5

CLINIC CASES BY REFERRING AGENCY

REFEREE	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Welfare Agencies	855	8,125	*43.6*	*42.9*
Medical Agencies	930	7,384	*47.4*	*39.0*
Educational Agencies	74	2,253	*3.8*	*11.9*
Family	64	625	*3.3*	*3.3*
Voluntary	21	238	*1.1*	*1.3*
Private Persons (non-family)	16	213	*0.8*	*1.1*
Referee not stated	1	104	*0.1*	*0.5*
ALL CASES	1,961	18,942	*100.0*	*100.0*

TABLE No. 6

FREQUENCY OF CERTAIN PROBLEMS — GENERAL CLASSIFICATION

PROBLEM	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Abnormal Mental Conditions	1,101	8,463	*40.1*	*32.1*
Behaviour Difficulties	678	6,151	*24.7*	*23.3*
Routine Examination	445	4,159	*16.2*	*15.8*
Abnormal Physical Conditions	298	3,810	*10.8*	*14.5*
Educational Problems	124	2,621	*4.5*	*9.9*
Social Difficulties	102	1,144	*3.7*	*4.3*

TABLE No. 7

FREQUENCY OF CERTAIN SPECIFIC PROBLEMS

PROBLEM	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Routine Examination	445	4,159	*27.0*	*22.3*
Suspected Mental Defect	163	2,972	*9.9*	*15.9*
Backward at School	109	2,486	*6.6*	*13.3*
Stealing	139	1,476	*8.4*	*7.9*
Speech Defect	76	1,190	*4.6*	*6.4*
Suspected Psychosis	167	1,559	*10.1*	*8.4*
Emotional Instability	228	1,264	*13.8*	*6.8*
Enuersis	68	777	*4.1*	*4.2*
Convulsive Seizures	54	725	*3.3*	*3.9*
Sex	78	750	*4.7*	*4.0*
Incorrigibility	71	662	*4.3*	*3.5*
Truancy	52	631	*3.2*	*3.4*

TABLE No. 8

DISTRIBUTION OF CLINIC CASES BY DIAGNOSIS OF INTELLIGENCE

DIAGNOSIS OF INTELLIGENCE	Percentages		Percentages	
	Current Year	All Years	Current Year	All Years
Superior	73	527	*3.7*	*2.8*
Normal	580	5,023	*54.3*	*45.1*
Undiagnosed	485	3,527		
Dull Normal	284	2,915	*24.2*	*28.3*
Borderline	190	2,447		
Moron	240	2,999	*17.8*	*23.8*
Imbecile	84	1,227		
Idiot	25	277		
ALL CASES	1961	18,942	*100.0*	*100.0*

TABLE No. 9

CLINIC CASES BY PSYCHIATRIC DIAGNOSIS

PSYCHIATRIC DIAGNOSIS	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Epilepsy	52	526	*8.4*	*15.6*
Neuroses	161	831	*26.0*	*24.6*
Schizophrenia	149	585	*24.0*	*17.3*
Manic-Depressive	71	303	*11.5*	*9.0*
Post Encephalitis	1	77	*0.2*	*2.3*
Paranoia and Paranoid Conditions	30	151	*4.8*	*4.5*
Miscellaneous	156	902	*25.2*	*26.7*
TOTAL	620	3,375	*100.0*	*100.0*

TABLE No. 10

FREQUENCY OF CERTAIN TREATMENTS RECOMMENDED

TREATMENT RECOMMENDED	Current Year	All Years
Home Training Course	152	2,949
Tonsils and Adenoids	81	1,473
Supervision by Social Agencies	775	2,071
Dental Attention	75	1,478
Organized Recreation	160	1,391
Medication	174	1,493
Attention Family Physician	63	1,087
Consideration Auxiliary Class Board	37	942
Placement in Foster Home	114	1,123
Adjustment in Home	113	1,411
Diet	44	725
Teacher-pupil adjustment	19	400
Speech Training	26	439
Special Literature	5	297

TABLE No. 11

FREQUENCY OF INSTITUTIONAL TREATMENT RECOMMENDED

INSTITUTION RECOMMENDED	Current Year	All Years
Ontario Hospital, Orillia	55	1,044
Other Ontario Hospitals	123	1,030
Bowmanville Boys' Training School	15	240
Other Corrective Institutions	12	215
Other Institutions	133	1,413
ALL CASES RECOMMENDED FOR INSTITUTIONALIZATION	338	3,942

REPORT OF WORK BY ONTARIO HOSPITALS, CHEST CLINIC

	ONTARIO HOSPITALS																														
	Toronto Psychiatric		Brockville		Cobourg		Ft. William		Hamilton		Kingston		London		New Toronto		Orillia		Penetang		Toronto		Whitby		Woodstock		T. B. Units		Totals		Grand Total
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
No. of individuals considered	88	4	258	1105	84	493	26	109	286	1806	260	1303	347	1805	363	1357	265	1849	124	624	249	1283	252	455	36	91	....	336	2638	12620	15258
No. of chest examinations performed	3	4	6	26	8	18	0	0	5	46	15	34	20	48	18	35	14	21	6	12	2	31	7	3	1	5	....	183	105	466	571
No. of chest X-rays interpreted	88	4	265	1165	89	533	26	115	269	1908	265	1419	316	1835	345	1387	256	1160	118	670	280	1362	245	474	27	91	....	489	2589	12612	15201
No. of tuberculin tests performed	8	0	196	0	25	0	0	0	100	0	218	0	304	0	262	0	266	1126	100	4	80	0	185	0	16	1	....	15	1760	1146	2906
No. of cases advised for treatment (Active Disease)	1	2	2	22	2	13	0	1	4	41	2	30	2	38	2	18	1	12	1	22	3	20	2	14	0	7	....	......	22	240	262
No. of cases advised for investigation at Hospital **Staff**—merely repeat X-rays **Patients**—segregated while investigated.	4	0	8	69	5	18	0	3	10	77	15	82	14	73	8	58	7	43	8	58	8	43	12	5	0	2	....	......	99	531	630
Total No. of cases showing significant pulmonary tuberculosis	5	2	10	91	7	31	0	4	14	118	17	112	16	111	10	76	8	55	9	80	11	63	14	19	0	9	....	......	121	771	892

DEPARTMENT OF HEALTH

SIXTY-NINTH ANNUAL REPORT

ON THE

Public Hospitals, Private Hospitals Hospitals for Incurables AND Convalescent Hospitals

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR WHICH ENDED 30th SEPTEMBER

1938

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 16, 1939

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1939

Parliament Buildings,
Toronto, April 12th, 1939.

To The Honourable Albert Matthews,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to transmit to Your Honour the Sixty-ninth Annual Report on the Hospitals of the Province of Ontario, for the year which ended September 30th, 1938.

Respectfully submitted,

Harold J. Kirby,
Minister of Health.

Parliament Buildings,
Toronto, April 12th, 1939.

The Honourable Harold J. Kirby, K.C.,
Minister of Health.

Sir:

I have the honour to submit to you the Sixty-ninth Annual Report on the Hospitals of Ontario for the year which ended September 30th, 1938.

I have the honour to be, Sir,

Your obedient servant,
C. J. Telfer,
Inspector of Hospitals.

Hospitals

Herein is presented a detailed report on Public, Red Cross and Convalescent Hospitals, Hospitals for Incurables, Sanatoria for Consumptives and Private Hospitals, operating in the Province of Ontario, as compiled from the Financial and Statistical Statements submitted by each, for the year which ended September 30th, 1938.

There were 161 of these institutions in operation and participating in Provincial grants at the close of the year, as well as 58 Private Hospitals, classified as follows:—

117 Public Hospitals
29 Red Cross Hospitals
8 Hospitals for Incurables
57 Private Hospitals
4 Convalescent Hospitals
3 Convalescent Summer Camps for Children

In Public General Hospitals, exclusive of Red Cross Outposts, there was an increase in the number of patients treated of 7,327 over the previous year. The average number of patients in hospital daily was 9,589, an increase of 276 over the previous year.

Operating costs increased $570,897.97 over the previous year, and patient revenue was also up $219,344.25. Income from investments reached a total of $350,344.65, or $71,197.62 more than the previous year. Income from donations reached a total of $715,354.27, an increase of $104,001.36 over the previous year. Income from municipalities amounted to $3,015,912.75, or $8,068.63 less than the previous year, and the amount paid by the Province by way of statutory grants was increased by $34,848.19.

The Red Cross Society opened a new Outpost Hospital during the year, at Armstrong.

Executives and officials of the several institutions reported herein are requested to make a careful study of the tables, comparing their hospital with those of similar size and capacity.

Those interested in Private Hospitals will find a table in the back of the report dealing with these institutions.

C. J. Telfer,
Inspector of Hospitals.

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND FINANCIAL INFORMATION

For the Year October 1st, 1937, to September 30th, 1938

	Public Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
Bed Capacity—Adults and Children	12,884	316	1,066	263	14,529
Nursery Bassinettes	1,981	85	......	......	2,066
Percentage of Bed Occupancy for Year	64.6	53.2	97.2	......	......
Number of Live Births During Year	30,915	1,177	......	......	32,092
Number of Deaths, Including Still-births, During Year	12,642	315	328	10	13,295
Total Number of Patients Treated During Year	274,590	8,415	1,556	1,237	285,798
Total Collective Days' Stay of All Patients	3,499,863	77,830	378,415	49,042	4,005,150
Number of Staff and Employees:					
Graduate Nurses	2,013	92	113	25	2,243
Pupil Nurses	3,062	......	9	......	3,071
Probationer Nurses	849	......	......	......	849
Other Graduate and Professional Staff	505	......	16	9	530
Orderlies	346	......	35	8	389
All Other Employees	4,795	78	390	57	5,320
Total Staff and Employees	11,570	170	563	99	12,402
OPERATING REVENUE	$ c.	$ c.	$ c.	$ c.	$ c.
Income from Patients for Maintenance and Treatment	7,486,071 26	184,526 51	116,800 53	28,365 58	7,815,763 88
Income from Municipalities for Maintenance and Treatment of Patients	2,820,321 56	13,105 82	429,702 12	35,668 72	3,298,798 22
Grants from Government for Maintenance and Treatment of Patients	1,176,371 72	32,732 94	154,147 10	17,516 40	1,380,768 16
Grants from Government for Special Clinics and Radio-therapy	65,281 59	....	....	....	65,281 59
Total Operating Revenue	11,548,046 13	230,365 27	700,649 75	81,550 70	12,560,611 85
NON-OPERATING REVENUE					
Income from Property, Investments, Endowments, etc., and Miscellaneous	350,344 65	716 80	34,583 14	1,241 30	386,885 89
Income from Donations, Bequests and Other Gratuitous Sources	715,354 27	48,332 72	48,278 90	11,930 68	823,896 57
Grants from Municipalities for Building, Debentures, Capital, etc.	195,591 19	....	....	....	195,591 19
Total Non-operating Revenue	1,261,290 11	49,049 52	82,862 04	13,171 98	1,406,373 65
Total Revenue	12,809,336 24	279,414 79	783,511 79	94,722 68	13,966,985 50
OPERATING EXPENSE					
Total Cost of Dietaries	2,286,516 24	46,822 57	149,514 82	23,047 68	2,505,901 31
Total Cost of Salaries and Wages	5,332,528 89	116,160 56	294,590 67	38,252 55	5,781,532 67
Other Operating Expense	3,723,444 45	94,018 44	181,720 72	26,011 19	4,025,194 80
Total Operating Expense	11,342,489 58	257,001 57	625,826 21	87,311 42	12,312,628 78
Interest and Capital Charges	663,981 51	....	13,522 83	550 00	678,054 34
Total Cost	12,006,471 09	257,001 57	639,349 04	87,861 42	12,990,683 12
Average Per Capita Cost	3 24	3 02	1 65	1 78	....

NOTE:—No provision is made in these figures for depreciation on buildings, plant and equipment, or for bad and doubtful accounts.

PUBLIC HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1937	Patients admitted during year ending Sept. 30th, 1938	No. of live births during year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	No. of still-births	Patients remaining in residence on Sept. 30th, 1938
		Adults and children	Nursery cots								
GROUP 1 Capacity, 1 to 25 Beds											
Memorial Hospital	Hanover	21	3	7	203	43	253	232	6	1	15
Rosedale War Memorial	Matheson	14	4	14	264	64	342	317	14	2	11
Newnham Cottage Hosp.	Moose Factory	14	2	....	30	....	30	21	3	....	6
Louise Marshall Hosp.	Mount Forest	16	5	6	155	41	202	184	7	5	11
Cottage Hospital	Niagara-on-Lake	19	4	9	171	30	210	188	13	1	9
General Hospital	Palmerston	13	5	8	268	39	315	297	15	1	3
General Hospital	Penetanguishene	20	4	9	449	65	523	494	16	6	13
The Mothercraft Centre	Toronto	10	15	7	142	....	149	137	2	....	10
General Hospital	Wingham	20	5	14	304	65	383	362	11	2	10
Totals		147	47	74	1,986	347	2,407	2,232	87	18	88
GROUP 2 Capacity, 26 to 50 Beds											
Stevenson Memorial	Alliston	28	7	20	532	101	653	598	31	4	24
Rosamond Memorial	Almonte	20	6	20	286	86	392	371	15	2	6
Bowmanville Hospital	Bowmanville	23	8	16	462	112	590	547	29	5	14
Lady Minto Hospital	Chapleau	36	4	21	364	43	428	396	11	....	21
Public Hospital	Clinton	25	7	19	366	77	462	440	12	4	10
Cobalt Municipal Hosp.	Cobalt	24	2	3	285	31	319	298	7	1	14
Haldimand War Memorial	Dunnville	23	7	11	370	77	458	430	18	2	10
Red Cross Memorial	Durham	27	6	12	150	35	197	175	12	1	10
Groves Memorial Hosp.	Fergus	31	5	11	322	65	398	361	18	2	19
Douglas Memorial Hosp.	Fort Erie	35	12	6	513	79	598	555	23	3	20
Alexandra Marine & G.	Goderich	42	8	32	563	79	674	611	42	5	21
Misericordia Hospital	Haileybury	26	5	20	753	26	799	753	31	2	15
Notre Dame Hospital	Hawkesbury	24	3	20	645	16	681	648	17	2	16
St. Paul's Hospital	Hearst	23	4	31	834	88	953	891	23	3	39
Alexandra Hospital	Ingersoll	33	8	19	432	97	548	508	25	3	15
Anson General Hospital	Iroquois Falls	40	6	17	695	60	772	732	21	2	19
Kincardine General Hosp.	Kincardine	26	9	15	381	120	516	466	34	2	16
Memorial Hospital	Listowel	21	5	7	369	70	446	417	14	....	15
General Hospital	Mattawa	36	4	15	295	26	336	301	21	2	14
St. Andrew's Hospital	Midland	38	8	28	758	121	907	831	53	6	23
York County Hospital	Newmarket	32	8	26	840	186	1,052	971	45	9	36
Queen Victoria Memorial	North Bay	43	7	29	854	117	1,000	945	28	6	27
Lord Dufferin Hospital	Orangeville	37	8	20	642	97	759	690	52	8	17
Willett Hospital	Paris	35	8	22	392	93	507	465	24	2	18
Parry Sound General	Parry Sound	30	5	31	560	85	676	634	31	5	11
Great War Memorial	Perth	34	6	33	916	135	1,084	1,028	36	8	20
Charlotte E. Englehart	Petrolia	29	6	13	493	97	603	561	27	4	15
Prince Edward County	Picton	32	11	17	742	175	934	863	52	4	19
Scott Memorial Hosp.	Seaforth	21	6	14	450	94	558	513	28	4	17
General Hospital	Sioux Lookout	24	4	18	530	47	595	562	18	....	15
St. Francis General	Smith's Falls	38	7	18	496	42	556	510	23	....	23
Porcupine General Hosp.	S. Porcupine	31	10	15	717	139	871	816	21	9	34
Strathroy General Hosp.	Strathroy	44	6	27	462	91	580	520	32	10	28
St. Jean de Brebeuf	Sturgeon Falls	30	10	22	649	47	718	633	54	5	31
Soldiers' Memorial	Tillsonburg	27	9	32	966	182	1,180	1,098	36	6	46
Lockwood Clinic Hosp.	Toronto	40	....	25	820	....	845	800	25	....	20
County of Bruce Gen.	Walkerton	36	6	11	429	72	512	466	29	5	17
Totals		1,144	241	716	20,333	3,108	24,157	22,404	1,018	136	735
GROUP 3 Capacity, 51 to 100 Beds											
Royal Victoria Hospital	Barrie	53	10	28	990	169	1,187	1,096	56	7	35
Peel Memorial Hospital	Brampton	44	12	18	806	199	1,023	955	38	2	30
St Vincent de Paul	Brockville	70	12	41	1,145	143	1,329	1,237	51	3	41
Cobourg General Hosp.	Cobourg	42	16	21	648	114	783	736	31	5	16
Lady Minto Hospital	Cochrane	57	8	44	822	93	959	881	35	3	43
General and Marine	Collingwood	51	9	30	808	92	930	812	73	7	45
Galt General Hospital	Galt	75	16	51	1,389	216	1,656	1,526	82	10	48
Kenora General Hosp.	Kenora	64	6	31	755	135	921	854	36	7	31
St. Joseph's Hospital	Kenora	59	6	27	746	138	911	851	36	3	24
Ross Memorial Hospital	Lindsay	72	2	42	1,136	205	1,383	1,261	86	8	36
St. Joseph's General	North Bay	83	12	49	1,506	133	1,688	1,586	63	8	39
Orillia Soldiers' Memorial	Orillia	73	12	49	1,645	218	1,912	1,769	87	14	56
Oshawa General Hosp.	Oshawa	77	20	48	2,306	389	2,743	2,603	85	25	55
Protestant Children's	Ottawa	55	....	39	711	....	750	711	13	....	26
Salvation Army Grace	Ottawa	51	40	88	1,778	1,102	2,968	2,856	45	31	67
St. Joseph's General	Parry Sound	64	10	32	742	114	888	830	26	4	32

PUBLIC HOSPITALS (Continued)

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1937	Patients admitted during year ending Sept. 30th, 1938	No. of live births during year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	No. of still-births	Patients remaining in residence on Sept. 30th, 1938
		Adults and children	Nursery cots								
Group 3 (Continued)											
Cottage Hospital	Pembroke	51	6	26	1,014	92	1,132	1,057	39	7	36
Nicholls Hospital	Peterborough	85	10	86	1,777	322	2,185	1,998	111	12	76
St. Joseph's Hospital	Peterborough	82	14	51	1,647	241	1,939	1,802	81	16	56
Port Hope Hospital	Port Hope	45	6	22	596	122	740	669	44	2	27
Victoria Hospital	Renfrew	74	10	36	699	116	851	785	41	8	25
General Hospital	Sault Ste. Marie	82	8	43	1,144	172	1,359	1,246	69	7	44
Plummer Memorial	Sault Ste. Marie	50	12	37	1,054	199	1,290	1,203	52	4	35
Norfolk General Hosp.	Simcoe	57	19	52	1,216	265	1,533	1,384	88	12	61
Smith's Falls Public	Smith's Falls	48	10	24	651	102	777	717	36	3	24
Salvation Army Grace	Toronto	55	43	41	1,280	720	2,041	1,968	21	25	52
Welland County General	Welland	57	12	43	1,466	246	1,755	1,619	95	11	41
Totals		1,676	341	1,099	30,477	6,057	37,633	35,012	1,520	244	1,101
GROUP 4 Capacity, 101 to 200 Beds											
Belleville General Hosp.	Belleville	111	15	105	3,100	386	3,591	3,328	146	29	117
Brockville General Hosp.	Brockville	97	9	56	1,822	176	2,054	1,895	87	9	72
Public General Hosp.	Chatham	90	20	72	2,022	250	2,344	2,158	112	10	74
St. Joseph's Hospital	Chatham	87	20	67	1,862	355	2,284	2,094	128	13	62
Cornwall General Hosp.	Cornwall	93	15	54	1,474	182	1,710	1,586	58	9	66
Hotel Dieu Hospital	Cornwall	130	20	96	2,481	281	2,858	2,675	86	22	97
Guelph General Hospital	Guelph	98	18	68	1,979	245	2,292	2,097	112	10	83
St. Joseph's Hospital	Guelph	99	13	58	1,723	220	2,001	1,836	99	15	66
St. Joseph's Hospital	Hamilton	160	25	118	3,181	704	4,003	3,724	153	16	126
Kitchener-Waterloo Hosp.	Kitchener	113	27	52	2,286	364	2,702	2,512	113	14	77
St. Mary's Hospital	Kitchener	112	18	75	2,076	283	2,434	2,268	103	10	63
Niagara Falls General	Niagara Falls	122	18	75	2,011	304	2,390	2,215	110	8	65
General and Marine	Owen Sound	86	16	54	1,471	222	1,747	1,608	84	13	55
Pembroke General Hosp.	Pembroke	110	15	47	1,347	105	1,499	1,382	68	6	49
Gen. Hosp. of P. Arthur	Port Arthur	107	14	75	1,814	218	2,107	1,972	63	8	72
St. Joseph's General	Port Arthur	173	27	114	3,244	352	3,710	3,449	128	15	133
St. Catharines General*	St. Catharines	180	20	92	3,046	441	3,579	3,331	173	13	75
Memorial Hospital	St. Thomas	95	18	74	2,129	355	2,558	2,347	122	12	89
Sarnia General Hospital	Sarnia	111	17	53	1,902	370	2,325	2,159	106	14	60
Stratford General Hosp.	Stratford	118	21	66	2,070	354	2,490	2,335	96	5	59
St. Mary's Hospital	Timmins	130	26	71	3,043	251	3,365	3,240	66	14	59
Mount Sinai Hospital	Toronto	82	20	86	2,615	497	3,198	3,011	89	14	98
Toronto East General	Toronto	145	32	134	3,175	627	3,936	3,592	168	23	176
Wellesley Hosp., Ltd.	Toronto	98	16	72	2,503	225	2,800	2,651	79	11	70
Women's College Hosp.	Toronto	140	45	151	3,297	828	4,276	4,064	66	22	146
Metropolitan General	Windsor	122	32	90	2,817	456	3,363	3,138	139	13	86
Salvation Army Grace	Windsor	105	15	97	2,553	371	3,021	2,793	141	16	87
Woodstock General	Woodstock	92	12	77	1,402	212	1,691	1,532	101	5	58
Totals		3,206	564	2,249	64,445	9,634	76,328	70,992	2,996	369	2,340
GROUP 5 Capacity, 201 and Over											
Brantford General Hosp†	Brantford	187	20	145	3,053	422	3,620	3,267	205	18	148
McKellar General Hosp.	Fort William	203	23	143	3,399	428	3,970	3,694	134	14	142
Hamilton General (incl. Mt. Hamilton Branch)	Hamilton	706	111	513	13,194	1,416	15,123	13,963	677	47	483
Hotel Dieu Hospital	Kingston	188	20	102	2,756	306	3,164	2,940	109	16	115
Kingston General Hosp.	Kingston	308	25	200	5,771	370	6,341	5,929	217	10	195
St. Joseph's Hospital	London	298	52	156	4,115	602	4,873	4,465	186	21	222
Victoria Hospital‡	London	468	36	386	6,511	488	7,385	6,698	346	21	341
Ottawa Civic Hospital	Ottawa	540	60	448	10,323	1,024	11,795	10,841	488	36	466
Ottawa General Hosp.	Ottawa	360	22	277	6,487	367	7,131	6,548	293	11	290
St. Joseph's Hospital	Sudbury	222	37	135	4,631	787	5,553	5,252	165	30	136
Hospital for Sick Children	Toronto	432	....	424	8,588	....	9,012	8,264	387	....	361
St. Joseph's Hospital	Toronto	335	43	227	6,108	652	6,987	6,391	347	28	249
St. Michael's Hospital	Toronto	631	60	472	9,954	1,145	11,571	10,480	623	33	468
Toronto General Hosp.	Toronto	1,144	175	1,011	18,593	1,773	21,377	19,499	928	74	950
Toronto Western Hosp.	Toronto	494	72	477	10,388	1,530	12,395	11,368	565	54	462
Hotel Dieu Hospital	Windsor	195	32	96	3,213	459	3,768	3,500	156	15	112
Totals		6,711	788	5,212	117,084	11,769	134,065	123,099	5,826	428	5,140
GRAND TOTALS:											
Public General Hospitals		**12,884**	**1,981**	**9,350**	**234,325**	**30,915**	**274,590**	**253,739**	**11,447**	**1,195**	**9,404**
Red Cross Outposts		**316**	**85**	**196**	**7,042**	**1,177**	**8,415**	**7,938**	**276**	**39**	**201**
GRAND TOTALS Including Red Cross		**13,200**	**2,066**	**9,546**	**241,367**	**32,092**	**283,005**	**261,677**	**11,723**	**1,234**	**9,605**

*Includes 10 isolation beds and 50 patients.
†Includes 20 isolation beds and 35 patients.
‡Includes 18 isolation beds and 270 patients.

PUBLIC HOSPITALS (Continued)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated during year	Total patient days adults and children for year	Total days infants born for year	Total patient days all patients for year	Average number of patients in hospital daily	Number of graduate and professional staff	Number of other employees, including nurses-in-training	Percentage of beds occupied during year
GROUP 1 Capacity, 1 to 25 Beds									%
Memorial Hospital	Hanover	253	2,392	414	2,806	8	4	4	32.0
Rosedale War Memorial	Matheson	342	2.967	680	3,647	10	5	6	55.5
Newnham Cottage Hospital*	Moose Factory	30	684	....	684	2	2	2	11.9
Louise Marshall Hospital	Mount Forest	202	2,143	485	2.628	7	2	6	34.3
Cottage Hospital	Niagara-on-Lake	210	2,507	227	2,734	7	3	5	32.5
General Hospital	Palmerston	315	2,667	524	3,191	9	4	2	48.6
General Hospital	Penetanguishene	523	3.162	678	3,840	10	4	4	43.8
The Mothercraft Centre	Toronto	149	3,962	....	3,962	11	5	24	43.4
General Hospital	Wingham	383	2,451	638	3,089	9	6	4	33.8
Totals		2,407	22,935	3,646	26,581	73	35	57	37.5
GROUP 2 Capacity, 26 to 50 Beds									
Stevenson Memorial Hospital	Alliston	653	6,420	1,012	7,432	20	9	8	58.2
Rosamond Memorial Hosp.	Almonte	392	3,671	863	4,534	12	5	3	47.7
Bowmanville Hospital	Bowmanville	590	4,708	1,347	6,055	17	7	15	53.5
Lady Minto Hospital	Chapleau	428	6,556	394	6,950	19	5	5	47.6
Public Hospital	Clinton	462	4,374	863	5.237	14	3	10	44.8
Cobalt Municipal Hospital	Cobalt	319	2,289	279	2.568	7	3	6	27.1
Haldimand War Memorial	Dunnville	458	3,610	831	4,441	12	7	4	40.5
Red Cross Memorial Hosp.	Durham	197	2,398	434	2,832	8	3	4	23.5
Groves Memorial Hospital	Fergus	398	4,150	692	4,842	13	9	6	36.8
Douglas Memorial Hospital	Fort Erie	598	4,957	776	5.733	16	9	10	33.4
Alexandra Marine & General	Goderich	674	8,422	821	9,243	25	4	19	50.6
Misericordia Hospital	Haileybury	799	6,929	338	7.267	20	6	8	64.2
Notre Dame Hospital	Hawkesbury	681	5,256	170	5,426	15	2	16	55.1
St. Paul's Hospital	Hearst	953	12,386	961	13,347	37	8	15	135.4
Alexandra Hospital	Ingersoll	548	5,586	1,080	6,666	18	8	5	44.5
Anson General Hospital	Iroquois Falls	772	8,193	662	8,855	24	6	7	52.7
Kincardine General Hospital	Kincardine	516	4,209	967	5.176	14	5	5	40.5
Memorial Hospital	Listowel	446	3,919	697	4,616	13	4	4	48.6
General Hospital	Mattawa	336	6,331	284	6,615	18	6	15	45.3
St. Andrew's Hospital	Midland	907	8,257	1,221	9,478	26	3	23	56.5
York County Hospital	Newmarket	1,052	10,346	1,973	12,319	34	11	9	84.4
Queen Victoria Memorial	North Bay	1,000	10,719	1,214	11,933	33	15	12	65.4
Lord Dufferin Hospital	Orangeville	759	7,400	1,137	8,537	23	13	9	51.9
Willett Hospital	Paris	507	6,598	1,003	7,601	21	7	6	48.4
Parry Sound General Hosp.	Parry Sound	676	7,809	903	8,712	24	7	9	68.2
Great War Memorial Hosp.	Perth	1,084	10,201	1,462	11,663	32	13	12	79.8
Charlotte E. Englehart Hosp.	Petrolia	603	5,594	977	6,571	18	11	9	51.4
Prince Edward County Hosp.	Picton	934	7,510	1,838	9,348	26	4	17	59.5
Scott Memorial Hospital	Seaforth	558	4,712	893	5,605	15	6	10	56.9
General Hospital	Sioux Lookout	595	6,256	386	6,642	18	5	7	65.0
St. Francis General Hospital	Smith's Falls	556	8,277	515	8,792	24	20	14	53.5
Porcupine General Hospital	South Porcupine	871	5,441	1,306	6,747	19	8	8	45.1
Strathroy General Hospital	Strathroy	580	7,851	981	8,832	24	4	23	48.4
St. Jean de Brebeuf Hosp.	Sturgeon Falls	718	9,194	574	9,768	27	5	9	66.9
Soldiers' Memorial Hospital	Tillsonburg	1,180	9,083	1,553	10,636	29	16	11	80.9
Lockwood Clinic Hospital	Toronto	845	8,475	....	8,475	23	18	17	58.0
County of Bruce General	Walkerton	512	4,639	665	5,304	15	5	12	34.6
Totals		24,157	242,726	32,072	274,798	753	280	382	54.4
GROUP 3 Capacity, 51 to 100 Beds									
Royal Victoria Hospital	Barrie	1,187	11,180	1,754	12,934	35	5	39	56.2
Peel Memorial Hospital	Brampton	1,023	8,251	2,206	10,457	29	14	12	51.1
St. Vincent de Paul Hospital	Brockville	1,329	14,755	1,525	16,280	45	18	46	54.4
Cobourg General Hospital	Cobourg	783	7,900	1,184	9,084	25	14	10	42.9
Lady Minto Hospital	Cochrane	959	15,871	998	16,869	46	19	15	71.1
General and Marine Hosp.	Collingwood	930	14,337	1,184	15,521	43	10	41	70.7
Galt General Hospital	Galt	1,656	16,242	2,196	18,438	51	32	31	55.5
Kenora General Hospital	Kenora	921	10,853	1,319	12,172	33	5	21	47.6
St. Joseph's Hospital	Kenora	911	10,017	1,266	11,283	31	7	21	47.5
Ross Memorial Hospital	Lindsay	1,383	13,358	2,059	15,417	42	9	33	57.1
St. Joseph's General Hospital	North Bay	1,688	16,567	1,375	17,942	49	12	38	51.7
Orillia Soldiers' Memorial	Orillia	1,912	18,361	2,418	20,779	57	7	50	66.9
Oshawa General Hospital	Oshawa	2,743	17,751	3,021	20,772	57	10	71	58.7
Protestant Children's Hosp.	Ottawa	750	9,461	....	9,461	26	12	14	47.1
Salvation Army Grace Hosp.	Ottawa	2,968	17,627	12,347	29,974	82	8	53	90.2
St. Joseph's General Hospital	Parry Sound	888	9,205	1,171	10,376	28	3	30	38.4

*Newnham Cottage Hospital approved May 10th, 1938.

PUBLIC HOSPITALS (Continued)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated during year	Total patient days adults and children for year	Total days infants born for year	Total patient days all patients for year	Average number of patients in hospital daily	Number of graduate and professional staff	Number of other employees, including nurses-in-training	Percentage of beds occupied during year
Group 3 (Continued)									%
Cottage Hospital	Pembroke	1,132	11,870	940	12,810	35	6	27	61.5
Nicholls Hospital	Peterborough	2,185	23,952	3,319	27,271	75	17	66	78.6
St. Joseph's Hospital	Peterborough	1,939	17,348	2,506	19,854	54	15	53	56.6
Port Hope Hospital	Port Hope	740	6,531	1,212	7,743	20	10	8	41.5
Victoria Hospital	Renfrew	851	9,925	1,220	11,145	31	5	25	36.3
General Hospital	Sault Ste. Marie	1,359	14,573	1,773	16,346	45	17	44	49.9
Plummer Memorial Hospital	Sault Ste. Marie	1,290	11,639	2,211	13,850	38	11	45	61.2
Norfolk General Hospital	Simcoe	1,533	14,870	2,810	17,680	49	27	19	63.7
Smith's Falls Public Hospital	Smith's Falls	777	9,228	1,083	10,311	28	13	18	48.7
Salvation Army Grace Hosp.	Toronto	2,041	12,176	8,186	20,362	56	16	51	56.9
Welland County Hospital	Welland	1,755	15,409	2,494	17,903	49	31	15	71.2
Totals		37,633	359,257	63,777	423,034	1,159	353	896	57.5
GROUP 4 Capacity, 101 to 200 Beds									
Belleville General Hospital	Belleville	3,591	35,760	3,959	39,719	109	19	101	86.4
Brockville General Hospital	Brockville	2,054	25,624	2,049	27,673	76	10	30	71.5
Public General Hospital	Chatham	2,344	22,087	2,724	24,811	68	9	76	61.7
St. Joseph's Hospital	Chatham	2,284	19,266	3,965	23,231	64	12	69	59.4
Cornwall General Hospital	Cornwall	1,710	18,871	2,311	21,182	58	17	62	53.7
Hotel Dieu Hospital	Cornwall	2,858	31,024	3,305	34,329	94	25	63	62.7
Guelph General Hospital	Guelph	2,292	25,198	2,574	27,772	76	10	99	65.5
St. Joseph's Hospital	Guelph	2,001	26,298	2,454	28,752	79	22	86	70.3
St. Joseph's Hospital	Hamilton	4,003	38,980	7,157	46,137	126	26	146	68.3
Kitchener-Waterloo Hospital	Kitchener	2,702	23,155	3,703	26,858	74	21	89	52.6
St. Mary's Hospital	Kitchener	2,434	23,565	3,042	26,607	73	13	78	56.1
Niagara Falls General Hosp.	Niagara Falls	2,390	24,972	2,711	27,683	76	14	67	54.2
General and Marine	Owen Sound	1,747	14,152	2,442	16,594	45	13	74	44.5
Pembroke General Hospital	Pembroke	1,499	19,614	1,042	20,656	57	15	43	45.3
General Hosp. of Port Arthur	Port Arthur	2,107	24,342	2,486	26,828	73	27	61	60.7
St. Joseph's General Hosp.	Port Arthur	3,710	44,694	4,126	48,820	133	21	87	66.9
St. Catharines General*	St. Catharines	3,579	31,847	4,386	36,233	99	16	109	49.6
Memorial Hospital	St. Thomas	2,558	27,270	3,894	31,164	85	21	85	75.6
Sarnia General Hospital	Sarnia	2,325	21,490	3,515	25,005	69	11	85	53.5
Stratford General Hospital	Stratford	2,490	21,957	3,552	25,509	70	13	77	50.3
St. Mary's Hospital	Timmins	3,365	24,007	2,631	26,638	73	24	73	47.0
Mount Sinai Hospital	Toronto	3,198	28,338	4,404	32,742	90	41	32	88.0
Toronto East General Hosp.	Toronto	3,936	48,488	7,044	55,532	152	42	147	88.9
Wellesley Hospital, Ltd.	Toronto	2,800	24,853	3,178	28,031	77	22	142	67.4
Women's College Hospital	Toronto	4,276	36,889	9,813	46,702	128	31	155	69.2
Metropolitan General Hosp.	Windsor	3,363	29,995	4,652	34,647	95	54	47	61.6
Salvation Army Grace Hosp.	Windsor	3,021	29,419	4,055	33,474	92	12	84	76.4
Woodstock General Hospital	Woodstock	1,691	20,052	2,270	22,322	61	14	63	58.8
Totals		76,328	762,207	103,444	865,651	2,372	575	2,330	64.4
GROUP 5 Capacity, 201 Beds and Over									
Brantford General Hospital†	Brantford	3,620	45,364	5,032	50,396	138	29	139	66.6
McKellar General Hospital	Fort William	3,970	54,491	3,975	58,466	160	42	86	70.9
Hamilton General (including Mt. Hamilton Branch)	Hamilton	15,123	156,248	16,466	172,714	473	111	560	57.9
Hotel Dieu Hospital	Kingston	3,164	38,830	3,146	41,976	115	49	113	55.3
Kingston General Hospital	Kingston	6,341	74,741	4,237	78,978	216	51	253	65.0
St. Joseph's Hospital	London	4,873	59,692	7,630	67,322	185	32	225	52.7
Victoria Hospital‡	London	7,385	119,762	5,959	125,721	344	46	379	68.2
Ottawa Civic Hospital	Ottawa	11,795	159,433	13,079	172,512	473	80	432	78.7
Ottawa General Hospital	Ottawa	7,131	99,836	4,085	103,921	285	95	222	74.5
St. Joseph's Hospital	Sudbury	5,553	43,031	7,682	50,713	139	24	99	53.6
Hospital for Sick Children	Toronto	9,012	140,978	....	140,978	386	105	413	89.4
St. Joseph's Hospital	Toronto	6,987	89,017	7,173	96,190	264	56	258	69.7
St. Michael's Hospital	Toronto	11,571	165,446	13,969	179,415	492	117	512	71.1
Toronto General Hospital	Toronto	21,377	341,572	23,558	365,130	1,000	246	1,047	75.8
Toronto Western Hospital	Toronto	12,395	151,274	17,347	168,621	462	163	515	81.1
Hotel Dieu Hospital	Windsor	3,768	31,877	4,869	36,746	100	29	134	44.3
Totals		134,065	1,771,592	138,207	1,909,799	5,232	1,275	5,387	69.6
GRAND TOTALS:									
Public General Hospitals		**274,590**	**3,158,717**	**341,146**	**3,499,863**	**9,589**	**2,518**	**9,052**	64.6
Red Cross Outposts		**8,415**	**65,971**	**11,859**	**77,830**	**213**	**92**	**78**	53.2
GRAND TOTALS Including Red	Cross	**283,005**	**3,224,688**	**353,005**	**3,577,693**	**9,802**	**2,610**	**9,130**	64.2

*Includes 50 isolation patients and 1,047 isolation days.

†Includes 35 isolation patients with 848 days.

‡Includes 270 isolation patients with 3,852 days.

PUBLIC HOSPITALS (Continued)

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and capital charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
GROUP 1 Capacity, 1 to 25 Beds			$ c.	$ c.	$ c.	$ c.	$ c.
Memorial Hospital	Hanover	2,806	....	1,515 07	7,907 15	9,422 22	3 36
Rosedale War Memorial	Matheson	3,647	....	2,550 21	9,137 08	11,687 29	3 21
Newnham Cottage Hospital	Moose Factory	684	....	953 54	1,396 77	2,350 31	3 44
Louise Marshall Hospital	Mount Forest	2,628	....	888 03	5,710 71	6,598 74	2 51
Cottage Hospital	Niagara-on-Lake	2,734	....	2,067 90	6,267 90	8,335 80	3 05
General Hospital	Palmerston	3,191	....	1,712 89	6,826 92	8,539 81	2 68
General Hospital	Penetanguishene	3,840	....	1,422 18	7,844 08	9,266 26	2 41
The Mothercraft Centre	Toronto	3,962	....	2,833 46	10,689 83	13,523 29	3 41
General Hospital	Wingham	3,089	....	2,080 21	9,906 46	11,986 67	3 88
Totals	....	26,581	....	16,023 49	65,686 90	81,710 39	3 11
GROUP 2 Capacity, 26 to 50 Beds							
Stevenson Memorial Hosp	Alliston	7,432	....	3,731 17	23,031 94	26,763 11	3 60
Rosamond Memorial Hosp	Almonte	4,534	....	1,944 67	10,283 90	12,228 57	2 70
Bowmanville Hospital	Bowmanville	6,055	....	3,208 29	13,330 62	16,538 91	2 73
Lady Minto Hospital	Chapleau	6,950	....	3,016 85	12,814 36	15,831 21	2 28
Public Hospital	Clinton	5,237	769 76	3,270 49	10,961 72	14,232 21	2 74
Cobalt Municipal Hospital	Cobalt	2,568	....	1,153 20	7,111 02	8,264 22	3 22
Haldimand War Memorial	Dunnville	4,441	....	2,822 39	11,175 85	13,998 24	3 15
Red Cross Memorial Hosp	Durham	2,832	428 13	882 67	5,870 67	6,753 34	2 38
Groves Memorial Hospital	Fergus	4,842	....	3,155 44	12,794 99	15,950 43	3 29
Douglas Memorial Hospital	Fort Erie	5,733	....	5,445 65	22,984 79	28,430 44	4 96
Alexandra Marine & General	Goderich	9,243	....	6,117 81	17,526 67	23,644 48	2 56
Misericordia Hospital	Haileybury	7,267	4,935 96	4,254 38	13,251 71	17,506 09	2 41
Notre Dame Hospital	Hawkesbury	5,426	458 25	2,402 36	13,525 57	15,927 93	2 94
St. Paul's Hospital	Hearst	13,347	....	6,788 00	20,021 88	26,809 88	2 01
Alexandra Hospital	Ingersoll	6,666	....	2,961 17	15,808 77	18,769 94	2 82
Anson General Hospital	Iroquois Falls	8,855	....	6,303 59	30,115 79	36,419 38	4 23
Kincardine General Hospital	Kincardine	5,176	....	2,355 49	11,949 90	14,305 39	2 76
Memorial Hospital	Listowel	4,616	....	1,625 26	9,169 30	10,794 56	2 34
General Hospital	Mattawa	6,615	1,120 00	4,336 19	16,761 99	21,098 18	3 19
St. Andrew's Hospital	Midland	9,478	....	3,324 74	20,043 54	23,368 28	2 47
York County Hospital	Newmarket	12,319	3,101 85	5,342 77	26,570 91	31,913 68	2 59
Queen Victoria Memorial	North Bay	11,933	....	8,176 97	29,127 34	37,304 31	3 13
Lord Dufferin Hospital	Orangeville	8,537	....	4,655·04	19,594 83	24,249 87	2 84
Willett Hospital	Paris	7,601	....	3,566 09	16,643 48	20,209 57	2 66
Parry Sound General Hosp	Parry Sound	8,712	....	2,283 56	13,157 27	15,440 83	1 77
Great War Memorial Hosp	Perth	11,663	....	6,459 37	24,006 45	30,465 82	2 61
Charlotte E. Englehart	Petrolia	6,571	....	3,591 26	19,521 64	23,112 90	3 52
Prince Edward County	Picton	9,348	288 00	4,533 16	13,460 89	17,994 05	1 92
Scott Memorial Hospital	Seaforth	5,605	....	2,782 23	12,182 40	14,964 63	2 67
General Hospital	Sioux Lookout	6,642	....	3,483 20	13,753 22	17,236 42	2 59
St. Francis General Hospital	Smith's Falls	8,792	412 00	8,076 01	19,798 08	27,874 09	3 17
Porcupine General Hospital	South Porcupine	6,747	....	4,769 67	20,685 41	25,455 08	3 77
Strathroy General Hospital	Strathroy	8,832	....	4,278 05	17,371 74	21,649 79	2 45
St. Jean de Brebeuf Hospital	Sturgeon Falls	9,768	....	3,698 67	19,274 82	22,973 49	2 35
Soldiers' Memorial Hospital	Tillsonburg	10,636	....	5,870 69	23,124 48	28,995 17	2 72
Lockwood Clinic Hospital	Toronto	8,475	....	4,913 00	34,610 00	39,523 00	4 66
County of Bruce General	Walkerton	5,304	....	2,760 41	12,286 16	15,046 57	2 84
Totals	....	274,798	11,513 95	148,339 96	633,704 10	782,044 06	2 85
GROUP 3 Capacity, 51 to 100 Beds							
Royal Victoria Hospital	Barrie	12,934	....	9,082 30	27,573 96	36,656 26	2 83
Peel Memorial Hospital	Brampton	10,457	532 57	5,586 68	24,037 41	29,624 09	2 83
St. Vincent de Paul Hosp	Brockville	16,280	958 00	14,933 51	42,581 76	57,515 27	3 53
Cobourg General Hospital	Cobourg	9,084	....	3,995 61	20,120 84	24,116 45	2 65
Lady Minto Hospital	Cochrane	16,869	....	8,982 51	30,612 54	39,595 05	2 35
General and Marine Hosp	Collingwood	15,521	....	9,958 24	25,613 78	35,572 02	2 29
Galt General Hospital	Galt	18,438	7,305 51	11,662 10	51,982 40	63,644 50	3 45
Kenora General Hospital	Kenora	12,172	1,152 00	8,587 08	22,431 52	31,018 60	2 55
St. Joseph's Hospital	Kenora	11,283	5,100 00	8,095 67	24,401 08	32,496 75	2 88
Ross Memorial Hospital	Lindsay	15,417	....	9,180 34	36,639 21	45,819 55	2 98
St. Joseph's General Hosp	North Bay	17,942	12,161 17	9,694 21	29,487 95	39,182 16	2 19
Orillia Soldiers' Memorial	Orillia	20,779	1,165 75	13,214 47	37,963 59	51,178 06	2 46
Oshawa General Hospital	Oshawa	20,772	....	16,101 34	54,817 13	70,918 47	3 41
Protestant Children's Hosp	Ottawa	9,461	1,380 00	4,433 38	22,255 73	26,689 11	2 82
Salvation Army Grace Hosp	Ottawa	29,974	....	13,201 90	40,356 36	53,558 26	1 79
St. Joseph's General Hosp	Parry Sound	10,376	3,335 86	5,836 33	24,592 87	30,429 20	2 93

PUBLIC HOSPITALS (Continued)

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and capital charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
Group 3 (Continued)			$ c.	$ c.	$ c.	$ c.	$ c.
Cottage Hospital	Pembroke	12,810	....	8,213 03	30,953 20	39,166 23	3 06
Nicholls Hospital	Peterborough	27,271	....	19,227 61	72,092 70	91,320 31	3 35
St. Joseph's Hospital	Peterborough	19,854	2,286 26	11,149 59	35,548 49	46,698 08	2 35
Port Hope Hospital	Port Hope	7,743	....	3,656 35	19,057 87	22,714 22	2 93
Victoria Hospital	Renfrew	11,145	4,220 76	5,727 51	19,021 90	24,749 41	2 22
General Hospital	Sault Ste. Marie	16,346	....	8,946 66	37,161 59	46,108 25	2 82
Plummer Memorial Hosp.	Sault Ste. Marie	13,850	2,031 00	8,320 81	27,859 51	36,180 32	2 61
Norfolk General Hospital	Simcoe	17,680	....	8,402 14	43,998 34	52,400 48	2 96
Smith's Falls Public Hosp.	Smith's Falls	10,311	....	6,630 62	23,531 30	30,161 92	2 92
Salvation Army Grace Hosp.	Toronto	20,362	....	10,796 56	48,081 69	58,878 25	2 89
Welland County Hospital	Welland	17,903	270 00	9,779 32	49,273 30	59,052 62	3 29
Totals	....	423,034	41,895 88	253,395 87	922,048 02	1,175,443 89	2 78
GROUP 4 Capacity, 101 to 200 Beds							
Belleville General Hospital	Belleville	39,719	....	21,236 40	70,489 09	91,725 49	2 31
Brockville General Hospital	Brockville	27,673	....	20,255 69	58,593 16	78,848 85	2 85
Public General Hospital	Chatham	24,811	....	18,712 89	44,315 78	63,028 67	2 54
St. Joseph's Hospital	Chatham	23,231	....	14,205 20	47,781 52	61,986 72	2 67
Cornwall General Hospital	Cornwall	21,182	459 46	17,158 85	54,221 45	71,380 30	3 37
Hotel Dieu Hospital	Cornwall	34,329	7,772 32	17,517 11	52,476 92	69,994 03	2 04
Guelph General Hospital	Guelph	27,772	....	22,517 25	69,100 13	91,617 38	3 30
St. Joseph's Hospital	Guelph	28,752	....	22,146 26	56,949 59	79,095 85	2 75
St. Joseph's Hospital	Hamilton	46,137	....	35,289 52	88,814 95	124,104 47	2 69
Kitchener-Waterloo Hospital	Kitchener	26,858	1,476 91	20,485 79	84,081 11	104,566 90	3 89
St. Mary's Hospital	Kitchener	26,607	11,509 50	20,168 83	67,948 14	88,116 97	3 31
Niagara Falls General Hosp.	Niagara Falls	27,683	706 56	17,889 61	62,790 95	80,680 56	2 91
General and Marine	Owen Sound	16,594	880 00	12,920 32	51,166 24	64,086 56	3 87
Pembroke General Hospital	Pembroke	20,656	12,705 00	12,734 49	44,199 31	56,933 80	2 76
General Hosp. of P. Arthur	Port Arthur	26,828	33,990 86	14,901 77	57,605 12	72,506 89	2 66
St. Joseph's General Hosp.	Port Arthur	48,820	....	27,859 12	89,623 36	117,482 48	2 41
St. Catharines General	St. Catharines	36,233	1,164 78	25,568 81	98,518 65	124,087 46	3 42
Memorial Hospital	St. Thomas	31,164	6,430 64	22,941 83	84,441 62	107,383 45	3 45
Sarnia General Hospital	Sarnia	25,005	....	17,844 93	65,406 57	83,251 50	3 33
Stratford General Hospital	Stratford	25,509	....	15,457 48	63,089 50	78,546 98	3 08
St. Mary's Hospital	Timmins	26,638	....	21,284 61	89,863 31	111,147 92	4 17
Mount Sinai Hospital	Toronto	32,742	914 63	20,962 88	93,914 14	114,877 02	3 51
Toronto East General	Toronto	55,532	....	40,243 74	156,371 97	196,615 71	3 54
Wellesley Hospital, Ltd.	Toronto	28,031	11,345 04	42,366 89	108,587 69	150,954 58	5 38
Women's College Hospital	Toronto	46,702	8,158 88	25,728 45	130,886 53	156,614 98	3 35
Metropolitan General Hosp.	Windsor	34,647	....	21,239 66	131,642 15	152,881 81	4 41
Salvation Army Grace Hosp.	Windsor	33,474	....	21,178 28	87,878 40	109,056 68	3 26
Woodstock General Hosp.	Woodstock	22,322	300 00	14,466 21	53,528 02	67,994 23	3 05
Totals	....	865,651	97,814 58	605,282 87	2,164,285 37	2,769,568 24	3 20
GROUP 5 Capacity, 201 Beds and Over							
Brantford General Hospital	Brantford	50,396	....	32,766 50	124,562 70	157,329 20	3 12
McKellar General Hospital	Fort William	58,466	21,524 65	25,457 19	99,813 33	125,270 52	2 14
Hamilton General (including Mt. Hamilton Branch)	Hamilton	172,714	132,214 99	96,700 39	459,149 85	555,850 24	3 22
Hotel Dieu Hospital	Kingston	41,976	....	27,960 53	82,943 28	110,903 81	2 64
Kingston General Hospital	Kingston	78,978	7,802 00	58,165 86	195,235 56	253,401 42	3 21
St. Joseph's Hospital	London	67,322	21,765 50	48,113 02	155,459 09	203,572 11	3 02
Victoria Hospital	London	125,721	43,777 28	82,768 38	329,399 56	412,167 94	3 28
Ottawa Civic Hospital	Ottawa	172,512	117,330 15	109,233 92	460,347 93	569,581 85	3 30
Ottawa General Hospital	Ottawa	103,921	35,270 63	48,564 69	234,344 53	282,909 22	2 72
St. Joseph's Hospital	Sudbury	50,713	22,394 05	33,976 87	93,515 12	127,491 99	2 51
Hospital for Sick Children	Toronto	140,978	....	105,289 07	460,501 95	565,791 02	4 01
St. Joseph's Hospital	Toronto	96,190	22,855 86	59,482 72	199,457 38	258,940 10	2 69
St. Michael's Hospital	Toronto	179,415	59,603 39	118,701 31	450,079 81	568,781 12	3 17
Toronto General Hospital	Toronto	365,130	....	259,942 08	1,209,543 95	1,469,486 03	4 02
Toronto Western Hospital	Toronto	168,621	19,042 18	124,897 07	611,763 41	736,660 48	4 37
Hotel Dieu Hospital	Windsor	36,746	9,176 42	31,454 45	104,131 50	135,585 95	3 70
Totals	....	1,909,799	512,757 10	1,263,474 05	5,270,248 95	6,533,723 00	3 42
GRAND TOTALS:							
Public General Hospitals	....	**3,499,863**	**663,981 51**	**2,286,516 24**	**9,055,973 34**	**11,342,489 58**	**3 24**
Red Cross Outposts	....	**75,304**	....	**46,822 57**	**210,179 00**	**257,001 57**	**3 02**
GRAND TOTALS Including Red Cross	....	**3,575,167**	**663,981 51**	**2,333,338 81**	**9,266,152 34**	**11,599,491 15**	**3 24**

PUBLIC HOSPITALS (Continued)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
GROUP 1 Capacity, 1 to 25 Beds		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Memorial Hospital	Hanover	5,091 61	2,818 04	185 20	36 04	....	8,130 89
Rosedale War Memorial	Matheson	3,220 70	....	68 00	2,822 35	....	6,111 05
Newnham Cottage Hosp.	Moose Factory.	7,991 00	....	....	920 00	....	8,911 00
Louise Marshall Hosp.	Mount Forest	5,502 90	1,165 55	23 80	151 50	....	6,843 75
Cottage Hospital	Niagara-on-Lake	5,071 56	2,398 00	120 00	392 09	....	7,981 65
General Hospital	Palmerston	6,370 95	1,405 35	36 33	1,499 38	....	9,312 01
General Hospital	Penetanguishene	4,820 67	3,262 74	2 02	393 09	....	8,478 52
The Mothercraft Centre	Toronto	2,339 75	4,592 00	....	29 69	....	6,961 44
General Hospital	Wingham	10,201 88	1,365 00	171 57	105 00	....	11,843 45
Totals	....	50,611 02	17,006 68	606 92	6,349 14	....	74,573 76
GROUP 2 Capacity, 26 to 50 Beds							
Stevenson Memorial	Alliston	15,719 94	1,782 85	14,786 97	....	....	32,289 76
Rosamond Memorial	Almonte	8,503 78	1,459 10	1,515 87	3,122 07	....	14,600 82
Bowmanville Hospital	Bowmanville	12,080 66	2,481 15	1,095 41	2,093 00	....	17,750 22
Lady Minto Hospital	Chapleau	11,751 31	....	833 44	....	....	12,584 75
Public Hospital	Clinton	12,935 16	1,480 60	226 77	766 66	....	15,409 19
Cobalt Municipal Hosp.	Cobalt	8,128 11	1,662 50	28 18	....	....	9,818 79
Haldimand War Mem.	Dunnville	8,280 30	3,394 25	264 35	1,543 38	....	13,482 28
Red Cross Memorial	Durham	3,940 69	1,635 50	41 02	442 00	....	6,059 21
Groves Memorial Hosp.	Fergus	13,121 71	6,331 75	....	....	1,000 00	20,453 46
Douglas Memorial	Fort Erie	17,317 49	3,473 25	6,034 68	1,453 50	....	28,278 92
Alexandra Marine & G.	Goderich	18,903 71	3,500 80	1,954 19	1,141 00	....	25,499 70
Misericordia Hospital	Haileybury	19,294 66	1,137 15	1,338 19	4,267 69	....	26,037 69
Notre Dame Hospital	Hawkesbury	5,263 95	5,897 70	87 86	6,524 02	....	17,773 53
St. Paul's Hospital	Hearst	7,475 70	547 75	150 50	2,343 08	....	10,517 03
Alexandra Hospital	Ingersoll	14,495 14	2,050 00	1,806 27	1,370 41	....	19,721 82
Anson General Hospital	Iroquois Falls	20,473 64	3,498 98	....	....	....	23,972 62
Kincardine General	Kincardine	11,125 97	3,300 00	391 81	....	1,673 80	16,491 58
Memorial Hospital	Listowel	10,573 41	3,403 75	225 69	....	....	14,202 85
General Hospital	Mattawa	3,914 00	8,200 85	1,196 79	5,187 69	....	18,499 33
St. Andrew's Hospital	Midland	15,297 08	6,310 30	740 12	404 83	....	22,752 33
York County Hospital	Newmarket	28,636 18	5,326 75	3 35	....	....	33,966 28
Queen Victoria Memorial	North Bay	35,789 90	3,025 00	4 17	409 00	....	39,228 07
Lord Dufferin Hospital	Orangeville	18,106 08	5,338 95	177 91	759 67	....	24,382 61
Willett Hospital	Paris	12,063 52	4,547 85	2,654 24	4,048 08	15,000 00	38,313 69
Parry Sound General	Parry Sound	12,162 05	416 25	72 98	20 00	....	12,671 28
Great War Memorial	Perth	30,942 96	2,750 45	2,011 15	484 18	....	36,188 74
Charlotte E. Englehart	Petrolia	14,955 10	1,863 50	4,056 64	80 00	....	20,955 24
Prince Edward County	Picton	15,173 50	4,222 05	506 52	26,083 74	....	45,985 81
Scott Memorial Hosp.	Seaforth	14,917 59	1,645 84	482 04	90 00	....	17,135 47
General Hospital	Sioux Lookout	17,584 95	498 50	574 00	1,845 53	....	20,502 98
St. Francis General	Smith's Falls	18,726 39	2,743 25	18 68	14,320 18	....	35,808 50
Porcupine General	S. Porcupine	26,740 13	1,759 50	307 12	533 00	....	29,339 75
Strathroy General Hosp.	Strathroy	12,739 84	7,680 25	516 14	300 06	....	21,236 29
St. Jean de Brebeuf	Sturgeon Falls	7,030 15	9,758 45	393 42	1,633 95	....	18,815 97
Soldiers' Memorial	Tillsonburg	25,470 86	6,608 90	2,593 62	1,697 30	....	36,370 68
Lockwood Clinic Hosp.	Toronto	38,938 00	284 00	....	....	....	39,222 00
County of Bruce Gen.	Walkerton	10,128 60	3,800 00	119 20	2,826 49	....	16,874 29
Totals	....	578,702 21	123,817 72	47,209 29	85,790 51	17,673 80	853,193 53
GROUP 3 Capacity, 51 to 100 Beds							
Royal Victoria Hospital	Barrie	26,726 27	8,053 10	997 34	25 00	....	35,801 71
Peel Memorial Hospital	Brampton	26,584 81	5,380 65	48 86	....	....	32,014 32
St. Vincent de Paul	Brockville	41,289 83	7,595 10	343 46	14,711 52	....	63,939 91
Cobourg General Hosp.	Cobourg	22,423 61	5,465 55	739 82	622 43	....	29,251 41
Lady Minto Hospital	Cochrane	22,179 09	4,720 90	407 48	209 80	....	27,517 27
General and Marine	Collingwood	25,859 56	9,204 60	736 75	584 80	....	36,385 71
Galt General Hospital	Galt	43,097 81	13,622 75	1,038 17	1,257 00	7,305 51	66,321 24
Kenora General Hospital	Kenora	23,693 78	11,773 36	49 80	2,142 68	....	37,659 62
St. Joseph's Hospital	Kenora	21,950 75	4,928 57	302 12	5,107 27	....	32,288 71
Ross Memorial Hosp.	Lindsay	36,942 95	6,660 90	1,666 99	....	....	45,270 84
St. Joseph's General	North Bay	38,877 33	7,025 60	192 82	10,607 46	....	56,703 21
Orillia Soldiers' Memorial.	Orillia	45,542 65	6,077 05	732 06	....	....	52,351 76
Oshawa General Hosp.	Oshawa	65,217 06	7,673 55	8,936 24	654 39	....	82,481 24
Protestant Children's	Ottawa	3,354 61	14,093 39	164 88	1,131 11	....	18,743 99
Salvation Army Grace	Ottawa	35,763 28	9,888 31	3,386 63	757 15	....	49,795 37
St. Joseph's General	Parry Sound	15,574 01	3,952 02	135 36	10,193 45	....	29,854 84

PUBLIC HOSPITALS (Continued)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
Group 3 (Continued)		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
Cottage Hospital........	Pembroke.....	33,637 03	4,121 20	2,251 76	505 00	....	40,514 99
Nicholls Hospital........	Peterborough..	66,168 48	8,408 25	15,772 59	....	....	90,349 32
St. Joseph's Hospital.....	Peterborough..	38,557 70	8,090 80	207 00	10,338 00	....	57,193 50
Port Hope Hospital......	Port Hope.....	15,616 78	3,230 50	1,229 70	584 50	....	20,661 48
Victoria Hospital........	Renfrew.......	16,155 81	7,970 60	128 05	....	....	24,254 46
General Hospital.........	Sault Ste. Marie	30,046 14	4,961 16	55 54	8,587 00	....	43,649 84
Plummer Memorial......	Sault Ste. Marie	36,083 08	3,016 65	45 44	35 00	....	39,180 17
Norfolk General Hosp....	Simcoe........	37,763 53	7,159 70	2,222 91	16,831 13	....	63,977 27
Smith's Falls Public......	Smith's Falls...	19,837 85	9,560 70	1,700 58	4,853 80	....	35,952 93
Salvation Army Grace....	Toronto.......	43,112 43	5,795 95	2,502 89	1,659 62	....	53,070 89
Welland County Hosp....	Welland.......	42,882 83	11,339 55	37 62	5,438 79	....	59,698 79
Totals..........	....	874,939 06	199,770 46	46,032 86	96,836 90	7,305 51	1,224,884 79
GROUP 4 Capacity, 101 to 200 Beds							
Belleville General Hosp...	Belleville......	83,573 18	29,997 25	2,347 52	222 25	....	116,140 20
Brockville General Hosp..	Brockville.....	67,168 27	14,619 15	1,775 46	7,323 36	....	90,886 24
Public General Hosp......	Chatham......	64,842 96	6,063 25	536 85	2,770 66	4,000 00	78,213 72
St. Joseph's Hospital.....	Chatham......	63,697 88	11,071 35	2,070 21	14,775 56	....	91,615 00
Cornwall General Hosp...	Cornwall......	48,878 26	12,062 20	4,916 06	5,660 98	....	71,517 50
Hotel Dieu Hospital......	Cornwall......	39,056 83	33,217 80	113 93	1,086 70	....	73,475 26
Guelph General Hosp.....	Guelph........	69,691 58	23,148 05	2,667 47	12,500 00	....	108,007 10
St. Joseph's Hospital.....	Guelph........	51,881 39	14,347 47	1,872 73	11,791 39	....	79,892 98
St. Joseph's Hospital.....	Hamilton......	105,156 99	17,983 80	995 24	3,494 28	....	127,630 31
Kitchener-Waterloo......	Kitchener.....	89,282 15	31,624 99	754 65	....	*416 25	122,078 04
St. Mary's Hospital......	Kitchener.....	82,527 61	15,946 50	9,807 81	10,904 35	....	119,186 27
Niagara Falls General....	Niagara Falls..	72,648 59	21,262 68	1,888 48	3,335 84	....	99,135 59
General and Marine.....	Owen Sound...	49,197 19	7,928 46	93 36	1,483 33	....	58,702 34
Pembroke General Hosp..	Pembroke.....	32,118 04	13,309 05	250 69	15,342 75	....	61,020 53
Gen. Hosp. of P. Arthur..	Port Arthur....	78,477 91	14,433 50	2,796 03	1,866 00	12,762 74	110,336 18
St. Joseph's General......	Port Arthur....	99,144 91	13,584 16	....	18,332 95	....	131,062 02
St. Catharines General....	St. Catharines..	76,994 92	30,235 75	4,208 06	4,243 21	*2,008 00	117,689 94
Memorial Hospital.......	St. Thomas....	82,094 63	22,703 30	3,394 78	460 35	6,430 64	115,083 70
Sarnia General Hospital...	Sarnia........	67,105 43	14,853 60	3,428 36	253 77	....	85,641 16
Stratford General Hosp...	Stratford......	65,807 57	12,059 90	324 39	70 00	....	78,261 86
St. Mary's Hospital......	Timmins......	104,796 72	8,526 25	785 60	28,023 85	....	142,132 42
Mount Sinai Hospital....	Toronto.......	70,239 48	22,168 75	529 47	11,744 06	....	104,681 76
Toronto East General....	Toronto.......	115,784 07	44,634 85	84 68	1,340 00	*391 25	162,234 85
Wellesley Hospital, Ltd...	Toronto.......	153,080 98	2,642 75	....	....	....	155,723 73
Women's College Hosp...	Toronto.......	95,670 13	35,475 18	....	1,364 39	*2,356 00	134,865 70
Metropolitan General.....	Windsor.......	88,648 84	21,073 00	580 95	476 50	*3,916 75	114,696 04
Salvation Army Grace....	Windsor.......	82,671 52	8,397 60	4,612 11	1,624 50	....	97,305 73
Woodstock General......	Woodstock....	58,189 14	10,267 95	1,541 51	2,138 78	....	72,137 38
Totals..........	....	2,158,427 17	513,638 54	52,376 40	162,629 81	32,281 63	2,919,353 55
GROUP 5 Capacity, 201 and Over							
Brantford General Hosp..	Brantford.....	83,024 84	48,815 80	1,395 68	1,727 24	*1,123 00	136,086 56
McKellar General Hosp...	Fort William...	84,900 52	38,837 68	155 00	165 85	*1,616 00	125,675 05
Hamilton General (incl. Mt. Hamilton Branch)..	Hamilton......	260,290 59	287,948 83	627 71	....	80,637 75	629,504 88
Hotel Dieu Hospital......	Kingston......	54,077 19	35,187 26	3,021 10	24,000 05	....	116,285 60
Kingston General Hosp...	Kingston......	147,844 05	71,804 36	18,286 81	3,748 98	*10,319 00	252,003 20
St. Joseph's Hospital.....	London.......	162,079 36	38,794 32	5,095 79	34,124 68	....	240,094 15
Victoria Hospital........	London.......	234,110 20	111,497 36	1,086 42	....	*10,791 00	357,484 98
Ottawa Civic Hospital....	Ottawa........	363,632 01	253,233 46	10,861 92	3,818 46	*4,000 00	635,545 85
Ottawa General Hospital..	Ottawa........	176,457 44	93,572 81	3,572 74	53,828 48	*1,000 00	328,431 47
St. Joseph's Hospital.....	Sudbury.......	117,956 84	12,132 85	1,689 01	28,126 30	....	159,905 00
Hosp. for Sick Children...	Toronto.......	135,166 11	194,767 13	69,790 96	60,158 89	*14,963 34	474,846 43
St. Joseph's Hospital.....	Toronto.......	150,284 90	92,737 20	....	28,819 93	....	271,842 03
St. Michael's Hospital....	Toronto.......	319,717 07	206,871 78	3,713 00	78,936 77	{60,000 00 *7,181 00	676,419 62
Toronto General Hosp....	Toronto.......	960,845 32	316,632 98	73,733 78	9,084 73	6,780 75	1,367,077 56
Toronto Western Hosp...	Toronto.......	480,685 63	145,238 51	8,799 88	681 74	*5,200 00	640,605 76
Hotel Dieu Hospital......	Windsor.......	92,319 73	18,015 83	2,289 38	36,525 81	....	149,150 75
Totals..........	....	3,823,391 80	1,966,088 16	204,119 18	363,747 91	203,611 84	6,560,958 89
GRAND TOTALS:							
Public General Hospi	tals...........	**7,486,071 26**	**2,820,321 56**	**350,344 65**	**715,354 27**	**†260,872 78**	**11,632,964 52**
Red Cross Outposts..	....	**184,526 51**	**13,105 82**	**716 80**	**48,332 72**	....	**246,681 85**
GRAND TOTALS Including	Red Cross.....	**7,670,597 77**	**2,833,427 38**	**351,061 45**	**763,686 99**	**†260,872 78**	**11,879,646 37**

*Grants from Province for special clinics, radiotherapy and poliomyelitis.

†Includes grants from Province for special clinics, radiotherapy and poliomyelitis amounting to $65,281.59.

PUBLIC HOSPITALS (Continued)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born days at 30c.	Total per diem grant	Grant for indigents from unorganized territory	Adjustments and deductions DEBIT	Total Government grant
GROUP 1 Capacity, 1 to 25 Beds					$ c.	$ c.	$ c.	$ c.
Memorial Hospital	Hanover	1,476	450	199	990 30	....	3 60	986 70
Rosedale War Memorial	Matheson	2,222	47	459	1,475 60	2,709 00	57 15	4,127 45
Newnham Cottage	Moose Factory	15	....	....	9 00	21 00	....	30 00
Louise Marshall Hosp	Mount Forest	998	42	205	664 50	....	10 20	654 30
Cottage Hospital	Niagara-on-Lake	1,794	77	200	1,144 10	....	....	1,144 10
General Hospital	Palmerston	2,653	....	181	1,646 10	....	4 20	1,641 90
General Hospital	Penetanguishene	2,163	12	493	1,446 90	....	71 10	1,375 80
The Mothercraft Centre	Toronto	3,574	328	....	2,177 20	....	....	2,177 20
General Hospital	Wingham	160	....	66	115 80	....	....	115 80
Totals	....	15,055	956	1,803	9,669 50	2,730 00	146 25	12,253 25
GROUP 2 Capacity, 26 to 50 Beds								
Stevenson Memorial	Alliston	4,858	184	470	3,074 20	....	7 20	3,067 00
Rosamond Memorial	Almonte	2,258	....	529	1,513 50	....	22 80	1,490 70
Bowmanville Hospital	Bowmanville	2,408	178	589	1,639 30	....	....	1,639 30
Lady Minto Hospital	Chapleau	2,454	616	163	1,582 90	3,287 30	253 70	4,616 50
Public Hospital	Clinton	1,261	....	254	832 80	....	....	832 80
Cobalt Municipal Hosp	Cobalt	565	....	34	349 20	....	11 40	337 80
Haldimand War Mem	Dunnville	2,084	141	265	1,344 00	....	....	1,344 00
Red Cross Memorial	Durham	1,029	757	264	772 30	....	....	772 30
Groves Memorial	Fergus	808	6	85	510 90	....	38 40	472 50
Douglas Memorial	Fort Erie	1,016	....	50	624 60	....	....	624 60
Alexandra Marine & G.	Goderich	3,306	1,235	157	2,154 20	....	28 80	2,125 40
Misericordia Hospital	Haileybury	5,054	399	102	3,102 90	1,729 60	7 80	4,824 70
Notre Dame Hospital	Hawkesbury	3,977	....	85	2,411 70	....	10 20	2,401 50
St. Paul's Hospital	Hearst	9,897	805	760	6,246 70	13,070 37	82 55	19,234 52
Alexandra Hospital	Ingersoll	2,171	....	463	1,441 50	....	28 20	1,413 30
Anson General Hosp	Iroquois Falls	1,574	....	49	959 10	1,197 70	....	2,156 80
Kincardine General	Kincardine	1,414	581	385	1,022 00	....	99 30	922 70
Memorial Hospital	Listowel	837	14	44	516 80	....	9 60	507 20
General Hospital	Mattawa	4,498	1,430	139	2,883 50	2,309 50	32 65	5,160 35
St. Andrew's Hospital	Midland	4,718	1,135	639	3,136 00	286 30	8 70	3,413 60
York County Hospital	Newmarket	3,966	655	452	2,580 70	....	24 60	2,556 10
Queen Victoria Mem	North Bay	2,444	897	254	1,632 30	446 90	40 80	2,038 40
Lord Dufferin Hospital	Orangeville	3,269	69	459	2,106 00	....	17 40	2,088 60
Willett Hospital	Paris	4,208	1,194	750	2,869 20	....	16 20	2,853 00
Parry Sound General	Parry Sound	4,492	1,058	627	2,989 10	2,151 30	206 70	4,933 70
Great War Memorial	Perth	2,668	47	193	1,663 40	....	13 20	1,650 20
Charlotte E. Englehart	Petrolia	1,293	3	33	786 00	....	21 00	765 00
Prince Edward County	Picton	4,355	226	1,122	2,972 20	....	22 80	2,949 40
Scott Memorial Hosp	Seaforth	1,039	28	30	635 20	....	4 20	631 00
General Hospital	Sioux Lookout	831	115	17	515 20	991 40	15 30	1,491 30
St. Francis General	Smith's Falls	3,287	514	161	2,071 90	....	130 20	1,941 70
Porcupine General	S. Porcupine	567	24	24	349 80	....	9 60	340 20
Strathroy General	Strathroy	3,388	873	232	2,189 70	....	28 20	2,161 50
St. Jean de Brebeuf	Sturgeon Falls	7,631	87	292	4,674 90	2,264 05	27 60	6,911 35
Soldiers' Memorial	Tillsonburg	2,865	....	225	1,786 50	....	17 10	1,769 40
Lockwood Clinic Hosp	Toronto	162	....	....	97 20	....	6 00	91 20
County of Bruce Gen	Walkerton	2,249	877	342	1,539 70	....	7 80	1,531 90
Totals	....	104,901	14,148	10,739	67,577 10	27,734 42	1,250 00	94,061 52
GROUP 3 Capacity, 51 to 100 Beds								
Royal Victoria Hosp	Barrie	4,387	1,183	460	2,888 50	....	51 60	2,836 90
Peel Memorial Hospital	Brampton	1,741	375	113	1,116 00	....	66 00	1,050 00
St. Vincent de Paul	Brockville	6,287	1,347	693	4,114 80	....	111 00	4,003 80
Cobourg General Hosp	Cobourg	4,071	413	892	2,751 50	....	9 60	2,741 90
Lady Minto Hospital	Cochrane	8,597	1,242	686	5,488 20	9,417 90	56 70	14,849 40
General and Marine	Collingwood	8,195	740	567	5,161 10	....	25 20	5,135 90
Galt General Hospital	Galt	6,595	1,153	566	4,242 10	....	62 40	4,179 70
Kenora General Hosp	Kenora	4,120	1,281	738	2,821 50	765 47	19 50	3,567 47
St. Joseph's Hospital	Kenora	4,330	1,967	828	3,043 10	1,740 90	53 40	4,730 60
Ross Memorial Hosp	Lindsay	7,545	440	1,276	4,953 80	....	30 60	4,923 20
St. Joseph's General	North Bay	9,010	435	691	5,656 80	1,829 43	17 20	7,469 03
Orillia Soldiers' Mem	Orillia	10,526	409	1,480	6,800 50	....	11 40	6,789 10
Oshawa General Hosp	Oshawa	5,489	3	507	3,445 80	....	103 50	3,342 30
Protestant Children's	Ottawa	9,719	23	....	5,833 70	....	....	5,833 70
Salvation Army Grace	Ottawa	11,293	....	8,024	9,183 00	....	74 70	9,108 30
St. Joseph's General	Parry Sound	6,122	169	919	3,965 80	2,867 85	39 00	6,794 65

PUBLIC HOSPITALS (Continued)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born days at 30c.	Total per diem grant	Grant for indigents from unorganized territory	Adjustments and deductions DEBIT	Total Government grant
Group 3 (Continued)					$ c.	$ c.	$ c.	$ c.
Cottage Hospital	Pembroke	5,228	325	310	3,262 30	86 80	12 60	3,336 50
Nicholls Hospital	Peterborough	10,570	2,046	1,775	7,079 10	....	72 00	7,007 10
St. Joseph's Hospital	Peterborough	11,545	453	1,846	7,526 10	22 40	8 40	7,540 10
Port Hope Hospital	Port Hope	3,138	420	797	2,163 90	....	....	2,163 90
Victoria Hospital	Renfrew	6,261	1,855	799	4,181 80	157 33	2 40	4,336 73
General Hospital	Sault Ste. Marie	6,822	1,271	791	4,457 60	1,565 72	....	6,023 32
Plummer Memorial	Sault Ste. Marie	10,995	222	66	6,639 00	349 30	....	6,988 30
Norfolk General Hosp	Simcoe	5,747	326	616	3,665 60	....	37 80	3,627 80
Smith's Falls Public	Smith's Falls	3,901	1,500	636	2,681 40	....	26 40	2,655 00
Salvation Army Grace	Toronto	3,374	....	1,945	2,607 90	....	15 30	2,592 60
Welland County Hosp	Welland	4,627	183	386	2,910 30	....	59 70	2,850 60
Totals	....	180,235	19,781	28,407	118,641 20	18,803 10	966 40	136,477 90
GROUP 4 Capacity, 101 to 200 Beds								
Belleville General Hosp.	Belleville	16,751	175	993	10,366 00	....	207 60	10,158 40
Brockville General Hosp.	Brockville	10,059	2,069	998	6,541 70	....	33 00	6,508 70
Public General Hosp	Chatham	5,382	1,970	770	3,657 20	....	10 80	3,646 40
St. Joseph's Hospital	Chatham	7,985	6	1,532	5,251 20	....	57 00	5,194 20
Cornwall General Hosp.	Cornwall	7,713	71	537	4,796 00	....	145 10	4,650 90
Hotel Dieu Hospital	Cornwall	23,261	609	2,221	14,683 80	....	157 80	14,526 00
Guelph General Hosp.	Guelph	10,882	2,181	955	7,033 80	....	14 40	7,019 40
St. Joseph's Hospital	Guelph	13,308	1,455	1,294	8,518 50	....	10 80	8,507 70
St. Joseph's Hospital	Hamilton	11,173	854	472	6,930 80	....	9 00	6,921 80
Kitchener-Waterloo	Kitchener	5,784	107	279	3,564 80	....	47 40	3,517 40
St. Mary's Hospital	Kitchener	6,231	2,120	189	4,007 30	....	....	4,007 30
Niagara Falls General	Niagara Falls	8,528	1,817	538	5,459 90	....	74 70	5,385 20
General and Marine	Owen Sound	3,684	187	327	2,327 20	....	12 00	2,315 20
Pembroke General	Pembroke	9,060	2,269	687	5,869 00	156 80	54 00	5,971 80
Gen. Hosp. of P. Arthur.	Port Arthur	22,373	1,450	830	13,817 80	1,134 15	16 20	14,935 75
St. Joseph's General	Port Arthur	25,075	7,401	2,471	16,526 40	5,965 00	453 10	22,038 30
St. Catharines General	St. Catharines	14,858	874	860	9,260 20	44 80	69 60	9,235 40
Memorial Hospital	St. Thomas	12,003	879	1,580	7,763 70	....	13 20	7,750 50
Sarnia General Hosp.	Sarnia	6,205	1,532	814	4,120 40	21 00	82 50	4,058 90
Stratford General Hosp.	Stratford	9,667	256	1,182	6,180 40	....	108 00	6,072 40
St. Mary's Hospital	Timmins	3,349	1,084	28	2,126 20	1,171 90	22 20	3,275 90
Mount Sinai Hospital	Toronto	14,502	560	545	8,920 70	....	....	8,920 70
Toronto East General	Toronto	45,806	2,193	2,247	28,377 00	43 40	94 80	28,325 60
Wellesley Hospital, Ltd.	Toronto	2,829	321	19	1,735 20	....	....	1,735 20
Women's College Hosp.	Toronto	22,702	155	5,953	15,422 60	44 80	....	15,467 40
Grace Hospital	Windsor	9,522	1,186	619	6,017 50	....	16 20	6,001 30
Metropolitan General	Windsor	20,512	1,130	290	12,507 20	....	6 60	12,500 60
Woodstock General	Woodstock	6,545	1,661	956	4,379 90	....	36 30	4,343 60
Totals	....	355,749	36,572	30,186	226,162 40	8,581 85	1,752 30	232,991 95
GROUP 5 Capacity, 201 and Over								
Brantford General	Brantford	27,236	1,071	2,943	17,331 60	....	118 80	17,212 80
McKellar General	Fort William	25,445	13,560	2,363	17,331 90	16,286 35	142 15	33,476 10
Hamilton General (incl. Mt. Hamilton Branch).	Hamilton	98,128	1,925	10,016	62,074 10	12 60	325 80	61,760 90
Hotel Dieu Hospital	Kingston	22,291	2,530	1,884	14,192 80	....	217 40	13,975 40
Kingston General Hosp.	Kingston	37,679	3,939	1,835	23,551 80	148 40	354 00	23,346 20
St. Joseph's Hospital	London	25,214	1,398	1,830	15,817 20	158 20	....	15,975 40
Victoria Hospital	London	67,594	5,151	1,893	41,639 40	....	....	41,639 40
Ottawa Civic Hospital	Ottawa	87,956	1,653	5,684	54,644 10	730 90	296 20	55,078 80
Ottawa General Hosp.	Ottawa	59,526	1,190	2,412	36,558 20	229 60	135 00	36,652 80
St. Joseph's Hospital	Sudbury	22,990	666	2,197	14,519 70	8,958 30	24 60	23,453 40
Hosp. for Sick Children	Toronto	114,181	20,256	....	70,534 20	3,947 90	....	74,482 10
St. Joseph's Hospital	Toronto	56,071	3,427	3,620	35,071 30	477 80	6 00	35,543 10
St. Michael's Hospital	Toronto	113,954	2,421	6,952	70,700 10	1,379 50	145 20	71,934 40
Toronto General Hosp.	Toronto	209,829	6,795	10,524	129,734 10	10,963 20	735 00	139,962 30
Toronto Western Hosp.	Toronto	– 78,503	2,999	5,218	48,967 10	838 90	601 50	49,204 50
Hotel Dieu Hospital	Windsor	10,048	1,390	353	6,273 70	686 00	70 20	6,889 50
Totals	....	1,056,645	70,371	59,724	658,941 30	44,817 65	3,171 85	700,587 10
GRAND TOTALS:								
Public General Hospitals	....	**1,712,585**	**141,828**	**130,859**	**1,080,991 50**	**102,667 02**	**7,286 80**	**1,176,371 72**
Red Cross Outposts.	....	**32,662**	**2,144**	**6,626**	**21,799 40**	**11,350 49**	**416 95**	**32,732 94**
GRAND TOTALS Including Red Cross		**1,745,247**	**143,972**	**137,485**	**1,102,790 90**	**114,017 51**	**7,703 75**	**1,209,104 66**

PUBLIC HOSPITALS (Continued)

TABLE No. VI.—Showing days upon which grant was paid for: (1) long-stay patients in hospitals one year or more and still in residence at September 30th, 1938; (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long-stay Patients				Indigents from Unorganized Territory									
		No. of patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Days at $2.00	Less Days at 60c.	Less Days at 10c.	Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	Total for Indigents
GROUP 1															
Capacity, 1 to 25 Beds					$ c.					$ c.				$ c.	$ c.
Memorial Hospital	Hanover	1		365	36 50										
Rosedale War Memorial	Matheson					122	1,760	1,713	47	2,487 50	33	316	315	221 50	2,709 00
Newnham Cottage Hospital	Moose Factory					1	15	15		21 00					21 00
Louise Marshall Hospital	Mount Forest														
Cottage Hospital	Niagara-on-the-Lake														
General Hospital	Palmerston														
General Hospital	Penetanguishene														
The Mothercraft Centre	Toronto														
General Hospital	Wingham														
Totals		1		365	36 50	123	1,775	1,728	47	2,508 50	33	316	315	221 50	2,730 00
GROUP 2															
Capacity, 26 to 50 Beds															
Stevenson Memorial Hospital	Alliston	1	120	184	90 40										
Rosamond Memorial Hospital	Almonte														
Bowmanville Hospital	Bowmanville														
Lady Minto Hospital	Chapleau					66	2,220	1,957	247	3,241 10	7	66	66	46 20	3,287 30
Public Hospital	Clinton														
Cobalt Municipal Hospital	Cobalt														
Haldimand War Memorial Hospital	Dunnville														
Red Cross Memorial Hospital	Durham	2		730	73 00										
Groves Memorial Hospital	Fergus														
Douglas Memorial Hospital	Fort Erie														
Alexandra Marine & General Hospital	Goderich	1		365	36 50										
Misericordia Hospital	Haileybury	1		365	36 50	48	1,042	677		1,677 80	7	74	74	51 80	1,729 60
Notre Dame Hospital	Hawkesbury														
St. Paul's Hospital	Hearst					449	8,754	7,922	803	12,674 50	55	565	564	395 80	13,070 37
Alexandra Hospital	Ingersoll														
Anson General Hospital	Iroquois Falls					44	844	839		1,184 60	3	18	16	13 20	1,197 70
Kincardine General Hospital	Kincardine	1		365	36 50										
Memorial Hospital	Listowel														
General Hospital	Mattawa	1	120	582	130 20	5	1,222	233	17	2,302 50	1	10	10	7 00	2,309 50
St. Andrew's Hospital	Midland	3		1,095	109 50	24	171	171		239 40	7	67	67	46 90	286 30
York County Hospital	Newmarket														
Queen Victoria Memorial Hospital	North Bay	2	240	811	225 10	19	295	284		419 60	4	39	39	27 30	446 90
Lord Dufferin Hospital	Orangeville														
Willett Hospital	Paris	2	120	854	157 40										
Parry Sound General Hospital	Parry Sound					43	1,314	811	503	2,091 10	8	86	86	60 20	2,151 30
Great War Memorial Hospital	Perth														
Charlotte E. Englehart Hospital	Petrolia														
Prince Edward County Hospital	Picton														
Scott Memorial Hospital	Seaforth														

General Hospital	Sioux Lookout					29	620	419	115	977 10	2	17	9	14 30	991 40
St. Francis General Hospital	Smith's Falls	2	120	440	116 00										
Porcupine General Hospital	South Porcupine														
Strathroy General Hospital	Strathroy	1	120	253	97 30										
St. Jean de Brebeuf Hospital	Sturgeon Falls					59	1,545	1,489	54	2,191 20	9	104	104	72 80	2,264 05
Soldiers' Memorial Hospital	Tillsonburg														
Lockwood Clinic Hospital	Toronto														
County of Bruce General Hospital	Walkerton	1	120	509	122 90										
Totals		18	960	6,553	1,231 30	786	18,027	14,802	1,739	26,998 90	103	1,046	1,035	735 50	27,734 42
GROUP 3															
Capacity, 51 to 100 Beds															
Royal Victoria Hospital	Barrie														
Peel Memorial Hospital	Brampton														
St. Vincent de Paul Hospital	Brockville	2	240	660	210 00										
Cobourg General Hospital	Cobourg														
Lady Minto Hospital	Cochrane	1		365	36 50	271	6,235	5,494	724	9,101 20	45	452	451	316 70	9,417 90
General and Marine Hospital	Collingwood	1		365	36 50										
Galt General Hospital	Galt	2	120	969	168 90										
Kenora General Hospital	Kenora	2		730	73 00	20	485	337	149	752 90	2	18	18	12 60	765 47
St. Joseph's Hospital	Kenora	3	240	1,419	285 90	16	926	197		1,733 80	1	10	10	7 00	1,740 90
Ross Memorial Hospital	Lindsay														
St. Joseph's General Hospital	North Bay					55	1,295	1,280	13	1,820 70	1	12	11	8 70	1,829 43
Orillia Soldiers' Memorial Hospital	Orillia	1	120	261	98 10										
Oshawa General Hospital	Oshawa														
Protestant Children's Hospital	Ottawa														
Salvation Army Grace Hospital	Ottawa														
St. Joseph's General Hospital	Parry Sound					98	1,797	1,425		2,739 00	18	184	184	128 80	2,867 85
Cottage Hospital	Pembroke					2	62	62		86 80					86 80
Nicholls Hospital	Peterborough	3	240	1,043	248 30										
St. Joseph's Hospital	Peterborough					1	16	16		22 40					22 40
Port Hope Hospital	Port Hope	1	120	245	96 50										
Victoria Hospital	Renfrew	3	120	1,276	199 60	4	112	111		157 40					157 33
General Hospital	Sault Ste. Marie	3	240	1,182	262 20	38	1,074	1,012	65	1,534 30	4	45	45	31 50	1,565 72
Plummer Memorial Hospital	Sault Ste. Marie					15	245	245		343 00	1	9	9	6 30	349 30
Norfolk General Hospital	Simcoe														
Smith's Falls Public Hospital	Smith's Falls	2	120	852	157 20										
Salvation Army Grace Hospital	Toronto														
Welland County Hospital	Welland														
Totals		24	1,560	9,367	1,872 70	520	12,247	10,179	951	18,291 50	70	730	728	511 60	18,803 10
GROUP 4															
Capacity, 101 to 200 Beds															
Belleville General Hospital	Belleville														
Brockville General Hospital	Brockville	3	240	956	239 60										
Public General Hospital	Chatham	2	120	910	163 00										
St. Joseph's Hospital	Chatham														
Cornwall General Hospital	Cornwall														
Hotel Dieu Hospital	Cornwall	1	120	318	103 80										
Guelph General Hospital	Guelph	4	360	1,481	364 10										
St. Joseph's Hospital	Guelph	2	120	626	134 60										
St. Joseph's Hospital	Hamilton														
Kitchener-Waterloo Hospital	Kitchener														
St. Mary's Hospital	Kitchener	3	240	1,328	276 80										
Niagara Falls General Hospital	Niagara Falls	4	120	1,386	210 60										
The Owen Sound General and Marine	Owen Sound														
Pembroke General Hospital	Pembroke	5	120	1,796	251 60	6	112	112		156 80					156 80
General Hospital of Port Arthur	Port Arthur	3	240	1,132	257 20	37	758	697	63	1,091 50	6	61	61	42 70	1,134 15

PUBLIC HOSPITALS (Continued)

TABLE No. VI.—Showing days upon which grant was paid for: (1) long-stay patients in hospitals one year or more and still in residence at September 30th, 1938; (2) indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Long-stay Patients: No. of patients	Long-stay Patients: Days at 60c.	Long-stay Patients: Days at 10c.	Long-stay Patients: Amount	Indigents from Unorganized Territory: No. of patients	Days at $2.00	Less: Days at 60c.	Less: Days at 10c.	Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	Total for Indigents
Group 4 (Continued)					$ c.					$ c.				$ c.	$ c.
St. Joseph's General Hospital	Port Arthur	9	480	3,731	661 10	161	3,762	2,733	455	5,838 70	18	180	179	126 30	5,965 00
St. Catharines General Hospital	St. Catharines	1	120	405	112 50	1	32	32		44 80					44 80
Memorial Hospital	St. Thomas	2	240	688	212 80										
Sarnia General Hospital	Sarnia	2	240	710	215 00	1	15	15		21 00					21 00
Stratford General Hospital	Stratford														
St. Mary's Hospital	Timmins	1		470	47 00	36	791	667	99	1,171 90					1,171 90
Mount Sinai Hospital of Toronto	Toronto	1		365	36 50										
Toronto East General Hospital	Toronto	2	240	785	222 50	1	31	31		43 40					43 40
Wellesley Hospital, Ltd.	Toronto														
Women's College Hospital	Toronto					1	32	32		44 80					44 80
Grace Hospital	Windsor	2	120	891	161 10										
Metropolitan General Hospital	Windsor														
Woodstock General Hospital	Woodstock	4	240	1,289	272 90										
Totals		51	3,360	19,267	3,942 70	244	5,533	4,319	617	8,412 90	24	241	240	169 00	8,581 85
GROUP 5															
Capacity, 201 Beds and Over															
Brantford General Hospital	Brantford	2	120	602	132 20										
McKellar General Hospital	Fort William	29	840	10,996	1,603 60	178	9,273	3,790	1,470	16,125 00	24	230	229	161 30	16,286 35
Hamilton General (including Mt. Hamilton Branch)	Hamilton	1	120	252	97 20	1	9	9		12 60					12 60
Hotel Dieu Hospital	Kingston	2	240	869	230 90										
Kingston General Hospital	Kingston	6	240	2,226	366 60	5	106	106		148 40					148 40
St. Joseph's Hospital	London	3	360	625	278 50	1	113	113		158 20					158 20
Victoria Hospital	London	12	1,200	3,456	1,065 60										
Ottawa Civic Hospital	Ottawa	2		730	73 00	7	501	442	59	730 90					730 90
Ottawa General Hospital	Ottawa	1	120	255	97 50	4	164	164		229 60					229 60
St. Joseph's Hospital	Sudbury					295	6,082	5,592	462	8,762 60	26	280	281	195 70	8,958 30
The Hospital for Sick Children	Toronto	30	1,680	10,812	2,089 20	34	2,329	1,061	735	3,947 90					3,947 90
St. Joseph's Hospital	Toronto					7	317	249	68	477 80					477 80
St. Michael's Hospital	Toronto	1	120	245	96 50	24	922	808	103	1,348 90	3	39	28	30 60	1,379 50
Toronto General Hospital	Toronto	7	840	1,722	676 20	155	7,365	6,080	1,286	10,953 40	1	14	14	9 80	10,963 20
Toronto Western Hospital	Toronto	4	480	1,355	423 50	11	566	473	93	838 90					838 90
Hotel Dieu Hospital	Windsor	2		730	73 00	1	343			686 00					686 00
Totals		102	6,360	34,875	7,303 50	723	28,090	18,887	4,276	44,420 20	54	563	552	397 40	44,817 65
Grand Totals:															
Public General Hospitals		196	12,240	70,427	14,386 70	2,394	65,672	49,915	7,630	100,632 00	285	2,896	2,870	2,035 00	102,667 02
Red Cross Outposts						479	7,154	6,105	508	10,594 20	107	1,060	1,012	756 70	11,350 49
Grand Totals Including Red Cross		196	12,240	70,427	14,386 70	2,873	72,826	56,020	8,138	111,226 20	392	3,956	3,882	2,791 70	114,017 51

NOTE:—Small differences are due to odd amounts paid on account by patients.

RED CROSS OUTPOST HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1937	Patients admitted during year ending Sept. 30th, 1938	No. of live births during year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	No. of still-births	Patients remaining in residence on Sept. 30th, 1938
		Adults	Infants								
Red Cross Outpost	Apsley	5	1	......	53	12	65	62	2	......	1
Red Cross Outpost	Armstrong	2	2	......	40	......	40	39	......	1	1
Red Cross Outpost	Atikokan	3	1	......	3	......	3	3	......	......	......
Red Cross Outpost	Bancroft	8	3	8	256	70	334	320	11	1	3
Red Cross Outpost	Blind River	26	5	14	342	52	408	383	12	4	13
Red Cross Outpost	Bracebridge	23	5	4	592	41	637	593	32	4	12
Red Cross Outpost	Coe Hill	6	1	3	68	9	80	76	4	......	......
Red Cross Outpost	Dryden	30	6	14	626	127	767	714	37	4	16
Red Cross Outpost	Englehart	10	4	1	265	53	319	300	8	......	11
Red Cross Outpost	Espanola	10	4	8	221	16	245	224	15	1	6
Red Cross Outpost	Haliburton	4	2	1	69	24	94	91	1	1	2
Red Cross Outpost	Hawk Junction	9	2	......	176	7	183	176	4	......	3
Red Cross Outpost	Hornepayne	6	2	2	63	14	79	79	......	1	......
Red Cross Outpost	Jellicoe	9	2	2	115	8	125	121	3	......	1
Red Cross Outpost	Kakabeka Falls	3	1	......	42	15	57	53	2	2	2
Kirkland Dist. Hosp.	Kirkland Lake	67	16	76	2,459	368	2,903	2,752	76	7	75
Red Cross Outpost	Lion's Head	5	3	7	57	28	92	90	2	......	......
Red Cross Outpost	Mindemoya	15	3	15	298	60	373	345	12	......	16
Red Cross Outpost	Nakina	7	1	7	85	11	103	102	1	1	......
Lady Minto Hospital	New Liskeard	18	5	11	366	53	430	406	17	3	7
Red Cross Outpost	Port Loring	3	2	......	71	32	103	100	1	......	2
Red Cross Outpost	Quibell	3	2	2	8	3	13	12	......	......	1
Red Cross Outpost	Rainy River	9	3	9	242	68	319	299	14	4	6
Red Cross Outpost	Redditt	4	1	......	10	3	13	12	1	......	......
Red Cross Outpost	Richard's Landing	8	3	2	143	28	173	163	4	......	6
Red Cross Outpost	Thessalon	12	2	9	242	57	308	282	15	5	11
Red Cross Outpost	Whitney	4	2	1	51	9	61	60	......	......	1
Red Cross Outpost	Wilberforce	3	1	......	7	2	9	9	......	......	......
Red Cross Car	......	4	......	......	72	7	79	72	2	......	5
Totals	......	316	85	196	7,042	1,177	8,415	7,938	276	39	201

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated during year	Total patient days adults and children for year	Total days infants born for year	Total patient days all patients for year	Average number of patients in hospital daily	Number of graduate and professional staff	Number of other employees, including nurses-in-training	Percentage of beds occupied during year
									%
Red Cross Outpost	Apsley	65	273	111	384	1	1	1	17.5
Red Cross Outpost	Armstrong	40	369	......	369	1	1	1	25.3
Red Cross Outpost	Atikokan	3	16	......	16	......	2	1	1.1
Red Cross Outpost	Bancroft	334	1,834	666	2,500	7	4	2	62.2
Red Cross Outpost	Blind River	408	3,145	505	3,650	10	3	3	32.2
Red Cross Outpost	Bracebridge	637	5,082	383	5,465	15	6	4	53.4
Red Cross Outpost	Coe Hill	80	233	82	315	1	1	2	12.3
Red Cross Outpost	Dryden	767	6,811	1,214	8,025	22	5	5	61.0
Red Cross Outpost	Englehart	319	2,174	507	2,681	7	3	3	52.4
Red Cross Outpost	Espanola	245	3,160	229	3,389	9	3	4	66.3
Red Cross Outpost	Haliburton	94	504	237	741	2	2	1	34.0
Red Cross Outpost	Hawk Junction	183	1,396	66	1,462	4	2	1	36.4
Red Cross Outpost	Hornepayne	79	472	129	601	2	1	1	20.6
Red Cross Outpost	Jellicoe	125	1,122	89	1,211	3	2	1	30.1
Red Cross Outpost	Kakabeka Falls	57	254	134	388	1	1	1	26.6
Kirkland District Hosp.	Kirkland Lake	2,903	24,247	3,935	28,182	77	29	24	93.0
Red Cross Outpost	Lion's Head	92	364	250	614	2	1	1	21.0
Red Cross Outpost	Mindemoya	373	2,746	629	3,375	9	5	3	51.4
Red Cross Outpost	Nakina	103	671	94	765	2	1	1	26.2
Lady Minto Hospital	New Liskeard	430	3,863	584	4,447	12	5	3	52.9
Red Cross Outpost	Port Loring	103	361	305	666	2	1	2	36.5
Red Cross Outpost	Quibell	13	86	29	115	......	1	2	6.3
Red Cross Outpost	Rainy River	319	2,273	670	2,943	8	3	1	67.2
Red Cross Outpost	Redditt	13	65	24	89	......	1	1	4.9
Red Cross Outpost	Richard's Landing	173	1,231	270	1,501	4	3	2	37.4
Red Cross Outpost	Thessalon	308	2,453	559	3,012	8	2	3	58.9
Red Cross Outpost	Whitney	61	174	79	253	1	1	1	11.5
Red Cross Outpost	Wilberforce	9	52	18	70	......	1	1	4.8
Red Cross Car	......	79	540	61	601	2	1	2	41.2
Totals	......	8,415	65,971	11,859	77,830	213	92	78	53.2

RED CROSS OUTPOST HOSPITALS (Continued)

TABLE No. III.—Showing the cost of operating the hospitals, also the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Percentage of service devoted to hospital	Cost of dietaries	Other operating costs	Total operating costs	Average daily per capita cost*
			%	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost.......	Bancroft............	2,500	100	1,196 98	5,767 89	6,964 87	2 79
Red Cross Outpost.......	Blind River..........	3,650	100	2,013 30	7,526 41	9,539 71	2 61
Red Cross Outpost.......	Bracebridge..........	5,465	100	2,840 67	13,207 90	16,048 57	2 94
Red Cross Outpost.......	Dryden.............	8,025	100	3,809 05	11,820 92	15,629 97	1 95
Red Cross Outpost.......	Englehart...........	2,681	100	1,335 22	6,692 97	8,028 19	3 00
Red Cross Outpost.......	Espanola............	3,389	100	1,870 71	8,080 24	9,950 95	2 94
Red Cross Outpost.......	Hawk Junction.......	1,462	100	1,297 59	5,776 33	7,073 92	4 84
Kirkland District Hosp...	Kirkland Lake†......	25,656	100	16,341 47	70,816 24	87,157 71	3 39
Red Cross Outpost.......	Mindemoya..........	3,375	100	1,477 77	6,757 81	8,235 58	2 44
Lady Minto Hospital.....	New Liskeard........	4,447	100	2,135 58	9,981 44	12,117 02	2 72
Red Cross Outpost.......	Richard's Landing....	1,501	100	987 77	4,863 81	5,851 58	3 90
Red Cross Outpost.......	Thessalon...........	3,012	100	1,567 73	6,439 09	8,006 82	2 66
Totals..........	....	65,163	100	36,873 84	157,731 05	194,604 89	2 99
The following Outposts maintain Public Health and Visiting Nursing Service throughout the District. The total costs shown include this service.							
Red Cross Outpost.......	Apsley..............	384	47	574 70	2,921 27	3,495 97	4 28
Red Cross Outpost.......	Armstrong...........	369	60	592 26	3,586 16	4,178 42	6 79
Red Cross Outpost.......	Atikokan‡...........	16	10	401 84	2,390 11	2,791 95	‡17 45
Red Cross Outpost.......	Coe Hill.............	315	46	471 55	2,961 78	3,433 33	5 01
Red Cross Outpost.......	Haliburton..........	741	57	566 86	3,689 94	4,256 80	3 27
Red Cross Outpost.......	Hornepayne.........	601	63	720 11	3,113 60	3,833 71	4 02
Red Cross Outpost.......	Jellicoe.............	1,211	88	1,225 74	5,013 84	6,239 58	4 53
Red Cross Outpost.......	Kakabeka Falls......	388	49	332 11	2,419 71	2,751 82	3 48
Red Cross Outpost.......	Lion's Head.........	614	46	588 16	3,099 72	3,687 88	2 76
Red Cross Outpost.......	Nakina..............	765	84	634 79	3,087 13	3,721 92	4 09
Red Cross Outpost.......	Port Loring..........	666	58	386 19	2,438 38	2,824 57	2 46
Red Cross Outpost.......	Quibell..............	115	17	305 56	2,247 65	2,553 21	3 77
Red Cross Outpost.......	Rainy River.........	2,943	81	1,341 45	5,465 91	6,807 36	1 87
Red Cross Outpost.......	Redditt.............	89	13	475 32	2,123 02	2,598 34	3 80
Red Cross Outpost.......	Whitney............	253	22	269 84	2,067 96	2,337 80	2 03
Red Cross Outpost.......	Wilberforce‡.........	70	19	379 86	2,228 77	2,608 63	‡7 08
Red Cross Car...........	....	601	74	682 39	3,593 00	4,275 39	5 26
Totals..........	....	10,141	54.3	9,948 73	52,447 95	62,396 68	3 34
GRAND TOTALS..	....	75,304	88.6	46,822 57	210,179 00	257,001 57	3 02

*Hospital patients only.

†Does not include 2,526 days for patients cared for in Cairns Hospital (overflow).

‡Includes cost of disproportionate number of outpatients.

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
Red Cross Outpost.............	Apsley..............	609 40	99 70	93 00	462 80	1,264 90
Red Cross Outpost.............	Armstrong...........	976 40	....	94 20	1,281 43	2,352 03
Red Cross Outpost.............	Atikokan............	196 56	....	36 20	548 46	781 22
Red Cross Outpost.............	Bancroft............	4,098 50	400 45	4 72	635 52	5,139 19
Red Cross Outpost.............	Blind River..........	6,633 00	224 00	2 52	....	6,859 52
Red Cross Outpost.............	Bracebridge..........	15,888 76	1,428 80	10 70	14,533 63	31,861 89
Red Cross Outpost.............	Coe Hill.............	762 95	29 50	36 60	400 05	1,229 10
Red Cross Outpost.............	Dryden.............	8,244 75	1,591 05	1 00	2,347 17	12,183 97
Red Cross Outpost.............	Englehart...........	3,847 17	290 50	2 00	1,065 40	5,205 07
Red Cross Outpost.............	Espanola............	7,735 04	222 25	3 25	677 67	8,638 21
Red Cross Outpost.............	Haliburton..........	1,503 16	52 50	45 00	1,606 74	3,207 40
Red Cross Outpost.............	Hawk Junction.......	4,517 65	....	13 39	3,820 80	8,351 84
Red Cross Outpost.............	Hornepayne.........	1,374 10	....	....	550 00	1,924 10
Red Cross Outpost.............	Jellicoe.............	3,391 35	48 75	15 79	838 25	4,294 14
Red Cross Outpost.............	Kakabeka Falls......	940 69	....	2 95	358 09	1,301 73
Kirkland District Hospital......	Kirkland Lake.......	87,568 45	6,239 62	....	9,155 69	102,963 76
Red Cross Outpost.............	Lion's Head.........	1,260 66	....	71 04	539 12	1,870 82
Red Cross Outpost.............	Mindemoya..........	7,908 25	379 10	24 10	909 38	9,220 83
Red Cross Outpost.............	Nakina..............	2,083 20	....	18 00	253 94	2,355 14
Lady Minto Hospital...........	New Liskeard........	10,020 77	547 40	48 49	4,563 39	15,180 05
Red Cross Outpost.............	Port Loring..........	775 66	....	73 82	162 91	1,012 39
Red Cross Outpost.............	Quibell..............	272 40	....	5 50	261 02	538 92
Red Cross Outpost.............	Rainy River.........	3,438 05	629 10	6 09	186 27	4,259 51
Red Cross Outpost.............	Redditt.............	206 50	....	9 30	254 97	470 77
Red Cross Outpost.............	Richard's Landing....	3,172 65	70 70	1 15	1,188 75	4,433 25
Red Cross Outpost.............	Thessalon...........	4,568 85	850 65	4 00	806 74	6,230 24
Red Cross Outpost.............	Whitney............	589 90	....	51 00	227 10	868 00
Red Cross Outpost.............	Wilberforce..........	363 44	1 75	38 00	205 95	609 14
Red Cross Car.................	....	1,578 25	....	4 99	491 48	2,074 72
Totals.................	....	184,526 51	13,105 82	716 80	48,332 72	246,681 85

RED CROSS OUTPOST HOSPITALS (Continued)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born days at 30c.	Total per diem grant	Grant for indigents from unorganized territory	Adjustments and deductions DEBIT	Total Government grant
					$ c.	$ c.	$ c.	$ c.
Red Cross Outpost	Apsley	200		111	153 30			153 30
Red Cross Outpost	Armstrong	84			50 40	88 20		138 60
Red Cross Outpost	Atikokan	4			2 40	5 60		8 00
Red Cross Outpost	Bancroft	1,504		571	1,073 70	23 80		1,097 50
Red Cross Outpost	Blind River	1,498	39	366	1,012 50	1,076 85		2,089 35
Red Cross Outpost	Bracebridge	4,754	20	263	2,933 30	12 60	21 60	2,924 30
Red Cross Outpost	Coe Hill	158		85	120 30			120 30
Red Cross Outpost	Dryden	4,529	562	1,157	3,120 70	3,295 00	152 85	6,262 85
Red Cross Outpost	Englehart	1,782		447	1,203 30	1,042 80	5 15	2,240 95
Red Cross Outpost	Espanola	1,486	291	130	959 70	1,659 60		2,619 30
Red Cross Outpost	Haliburton	366		212	283 20			283 20
Red Cross Outpost	Hawk Junction	120		9	74 70	323 90		398 60
Red Cross Outpost	Hornepayne	97		9	60 90	75 60		136 50
Red Cross Outpost	Jellicoe	323		89	220 50	128 80		349 30
Red Cross Outpost	Kakabeka Falls	249		131	188 70			188 70
Kirkland Dist. Hosp.	Kirkland Lake	5,568	694	371	3,521 50	1,533 20	82 05	4,972 65
Red Cross Outpost	Lion's Head	337		240	274 20		1 20	273 00
Red Cross Outpost	Mindemoya	2,410	357	453	1,617 60	74 70		1,692 30
Red Cross Outpost	Nakina	91		41	66 90	64 10	44 05	86 95
Lady Minto Hospital	New Liskeard	1,706		254	1,099 80	526 49	4 50	1,621 79
Red Cross Outpost	Port Loring	294		274	258 60	262 70	10 75	510 55
Red Cross Outpost	Quibell	77		30	55 20	83 30		138 50
Red Cross Outpost	Rainy River	1,952	4	629	1,360 30	740 70	82 20	2,018 80
Red Cross Outpost	Redditt	61		24	43 80	21 00		64 80
Red Cross Outpost	Richard's Landing	825		256	571 80			571 80
Red Cross Outpost	Thessalon	1,600	177	377	1,090 80	202 80	12 60	1,281 00
Red Cross Outpost	Whitney	89		79	77 10	101 75		178 85
Red Cross Outpost	Wilberforce	51		18	36 00			36 00
Red Cross Car		447			268 20	7 00		275 20
Totals		32,662	2,144	6,626	21,799 40	11,350 49	416 95	32,732 94

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	No. of patients	Days at $2.00	Less		Amount	No. of infants	Days at $1.00	Less days at 30c.	Amount	Total Grant
				Days at 60c.	Days at 10c.						
						$ c.				$ c.	$ c.
Red Cross Outpost	Apsley										
Red Cross Outpost	Armstrong	5	63	63		88 20					88 20
Red Cross Outpost	Atikokan	2	4	4		5 60					5 60
Red Cross Outpost	Bancroft	2	17	17		23 80					23 80
Red Cross Outpost	Blind River	62	693	693		970 20	16	152	151	106 70	1,076 85
Red Cross Outpost	Bracebridge	1	9	9		12 60					12 60
Red Cross Outpost	Coe Hill										
Red Cross Outpost	Dryden	144	2,096	1,875	212	3,045 80	37	356	356	249 20	3,295 00
Red Cross Outpost	Englehart	54	636	635		891 00	20	217	217	151 90	1,042 80
Red Cross Outpost	Espanola	46	1,072	775	292	1,649 80	1	14	14	9 80	1,659 60
Red Cross Outpost	Haliburton										
Red Cross Outpost	Hawk Junction	22	177	91		299 40	2	27	8	24 60	323 90
Red Cross Outpost	Hornepayne	6	54	54		75 60					75 60
Red Cross Outpost	Jellicoe	3	92	92		128 80					128 80
Red Cross Outpost	Kakabeka Falls										
Kirkland Dist. Hosp.	Kirkland Lake	48	917	518		1,523 20	1	10		10 00	1,533 20
Red Cross Outpost	Lion's Head										
Red Cross Outpost	Mindemoya	4	47	46	1	66 30	1	12	12	8 40	74 70
Red Cross Outpost	Nakina	6	39	39		54 60	2	14	15	9 50	64 10
Lady Minto Hosp.	New Liskeard	8	371	372		518 80	1	11	11	7 70	526 49
Red Cross Outpost	Port Loring	13	112	79		176 60	12	115	96	86 20	262 70
Red Cross Outpost	Quibell	3	55	55		77 00	1	9	9	6 30	83 30
Red Cross Outpost	Rainy River	29	504	501	3	707 10	5	48	48	33 60	740 70
Red Cross Outpost	Redditt	1	10	10		14 00	1	10	10	7 00	21 00
Red Cross Outpost	Richard's Landing										
Red Cross Outpost	Thessalon	11	131	122		188 80	2	20	20	14 00	202 80
Red Cross Outpost	Whitney	8	50	50		70 00	5	45	44	31 80	101 75
Red Cross Outpost	Wilberforce										
Red Cross Car		1	5	5		7 00					7 00
Totals		479	7,154	6,105	508	10,594 20	107	1,060	1,012	756 70	11,350 49

NOTE:—Small differences due to odd amounts paid on account by patients.

HOSPITALS FOR INCURABLES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence on Oct. 1st, 1937	Patients admitted during year ending Sept. 30th, 1938	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	Patients remaining in residence on Sept. 30th, 1938
St. Peter's Infirmary	Hamilton	59	70	34	104	12	22	70
Parkwood Hospital for Incurables	London	112	110	19	129	5	13	111
Perley Home for Incurables	Ottawa	90	76	40	116	13	16	87
St. Vincent Hospital for Incurables	Ottawa	205	181	178	359	61	106	192
Home for Incurable Children	Toronto	40	39	4	43	6	1	36
Mercy Hospital for Incurables	Toronto	150	150	74	224	33	39	152
Toronto Hospital for Incurables	Toronto	380	375	178	553	45	128	380
East Windsor Hospital for Incurables	Windsor	30	13	15	28	4	3	21
Totals		1,066	1,014	542	1,556	179	328	1,049

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated during year	Total collective days' stay of patients for year	Average number of patients in hospital daily	Number of graduate and professional staff	Number of other employees, including nurses-in-training	Percentage of beds occupied during year
							%
St. Peter's Infirmary	Hamilton	104	25,241	69	9	24	117.0
Parkwood Hospital for Incurables	London	129	40,710	112	17	53	99.6
Perley Home for Incurables	Ottawa	116	30,467	83	9	43	92.8
St. Vincent Hospital for Incurables	Ottawa	359	70,090	192	8	106	93.7
Home for Incurable Children	Toronto	43	13,938	38	3	24	95.5
Mercy Hospital for Incurables	Toronto	224	55,220	151	20	33	100.0
Toronto Hospital for Incurables	Toronto	553	137,339	376	61	141	99.0
East Windsor Hospital for Incurables	Windsor	28	5,410	15	2	8	49.4
Totals		1,556	378,415	1,036	129	432	97.2

TABLE No. III.—Showing the cost of operating the hospitals and average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and capital charges	Total cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
			$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	25,241		7,118 02	25,568 49	32,686 51	1 29
Parkwood Hospital for Incurables	London	40,710		13,402 78	48,522 78	61,925 56	1 52
Perley Home for Incurables	Ottawa	30,467		7,800 48	38,116 64	45,917 12	1 51
St. Vincent Hospital for Incurables	Ottawa	70,090	13,522 83	25,322 43	58,729 74	84,052 17	1 19
Home for Incurable Children	Toronto	13,938		5,353 62	23,235 21	28,588 83	2 05
Mercy Hospital for Incurables	Toronto	55,220		18,543 13	73,507 12	92,050 25	1 67
Toronto Hospital for Incurables	Toronto	137,339		69,670 95	201,567 86	271,238 81	1 98
East Windsor Hosp. for Incurables	Windsor	5,410		2,303 41	7,063 55	9,366 96	1 73
Totals		378,415	13,522 83	149,514 82	476,311 39	625,826 21	1 65

HOSPITALS FOR INCURABLES (Continued)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	14,276 13	25,971 00	2,455 61	260 00	42,962 74
Parkwood Hospital for Incurables	London	24,481 71	35,526 60	4,859 55	1,657 50	66,525 36
Perley Home for Incurables	Ottawa	18,122 34	26,984 48	1,196 26	2,348 32	48,651 40
St. Vincent Hospital for Incurables	Ottawa	24,353 25	77,152 14	354 87	12,228 37	114,088 63
Home for Incurable Children	Toronto	1,478 02	4,514 00	6,038 24	17,616 56	29,646 82
Mercy Hospital for Incurables	Toronto	4,625 90	74,697 50	3,178 45		82,501 85
Toronto Hospital for Incurables	Toronto	29,463 18	178,287 00	16,500 16	14,168 15	238,418 49
East Windsor Hosp. for Incurables	Windsor		6,569 40			6,569 40
Totals		116,800 53	429,702 12	34,583 14	48,278 90	629,364 69

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 40c.	Amount	Grant for indigents from unorganized territory	Adjustments and deductions DEBIT	Total Government grant
			$ c.	$ c.	$ c.	$ c.
St. Peter's Infirmary	Hamilton	22,711	9,084 40	707 20	3 20	9,788 40
Parkwood Hospital for Incurables	London	39,253	15,701 20			15,701 20
Perley Home for Incurables	Ottawa	27,958	11,183 20	919 00		12,102 20
St. Vincent Hospital for Incurables	Ottawa	68,007	27,202 80	4,371 20	8 00	31,566 00
Home for Incurable Children	Toronto	13,938	5,575 20	158 50		5,733 70
Mercy Hospital for Incurables	Toronto	54,594	21,837 60	532 80		22,370 40
Toronto Hospital for Incurables	Toronto	128,899	51,559 60	2,502 40	64 40	53,997 60
East Windsor Hospital for Incurables	Windsor	7,219	2,887 60			2,887 60
Totals		362,579	145,031 60	9,191 10	75 60	154,147 10

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grants during year.

Name of Hospital	Location	Number of patients	Days at $2.00	Less days at 40c.	Amount
					$ c.
St. Peter's Infirmary	Hamilton	2	442	442	707 20
Parkwood Hospital for Incurables	London				
Perley Home for Incurables	Ottawa	3	575	577	919 00
St. Vincent Hospital for Incurables	Ottawa	11	2,732	2,732	4,371 20
Home for Incurable Children	Toronto	1	*317		158 50
Mercy Hospital for Incurables	Toronto	1	333	333	532 80
Toronto Hospital for Incurables	Toronto	6	1,564	1,564	2,502 40
East Windsor Hospital for Incurables	Windsor				
Totals		24	5,963	5,648	9,191 10

*A rate of 50c. a day has been arranged.

CONVALESCENT HOSPITALS

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence on Oct. 1st, 1937	Patients admitted during year ending Sept. 30th, 1938	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	Patients remaining in residence on Sept. 30th, 1938
Children's Convalescent Camp*	Burlington	34	......	68	68	68	......	......
Blue Mountain Camp for Crippled Children*	Collingwood	35	......	139	139	139	......	......
St. John's Convalescent Hospital	Newtonbrook	64	27	532	559	509	3	47
Civitan Convalescent Camp*	Toronto	26	......	56	56	56	......	......
Hastings Memorial Convalescent Hospital†	Toronto	40	......	54	54	31	......	23
Hillcrest Convalescent Hospital	Toronto	42	21	256	277	260	2	15
East Windsor Convalescent Hospital	Windsor	10	4	48	52	41	5	6
East Windsor Convalescent Sanatorium‡	Windsor	12	15	17	32	32	......	......
Totals	......	263	67	1,170	1,237	1,136	10	91

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated	Total days' stay	Average number of patients in hospital daily	Number of graduate staff	All other employees
Children's Convalescent Camp*	Burlington	68	1,799	5	4	4
Blue Mountain Camp for Crippled Children*	Collingwood	139	2,738	7	3	3
St. John's Convalescent Hospital	Newtonbrook	559	19,166	53	10	29
Civitan Convalescent Camp*	Toronto	56	1,188	3	1	3
Hastings Memorial Convalescent Hospital†	Toronto	54	8,448	23	7	8
Hillcrest Convalescent Hospital	Toronto	277	9,375	26	5	6
East Windsor Convalescent Hospital	Windsor	52	2,651	7	2	8
East Windsor Convalescent Sanatorium‡	Windsor	32	3,677	10	2	4
Totals	......	1,237	49,042	134	34	65

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and capital charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
			$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Camp*	Burlington	1,799	550 00	551 95	1,391 44	1,943 39	1 08
Blue Mountain Camp for Crippled Children*	Collingwood	2,738	......	803 86	2,570 58	3,374 44	1 23
St. John's Convalescent Hospital	Newtonbrook	19,166	......	11,129 77	33,942 45	45,072 22	2 35
Civitan Convalescent Camp* (a)	Toronto	1,188	......	1,232 13	50 00	1,282 13	1 08
Hastings Memorial Con. Hosp.†	Toronto	8,448	......	2,535 60	8,432 90	10,968 50	1 30
Hillcrest Convalescent Hospital	Toronto	9,375	......	4,229 74	10,412 85	14,642 59	1 56
East Windsor Convalescent Hosp.	Windsor	2,651	......	1,077 95	3,305 62	4,383 57	1 65
East Windsor Convalescent San.‡	Windsor	3,677	......	1,486 68	4,157 90	5,644 58	1 54
Totals	......	49,042	550 00	23,047 68	64,263 74	87,311 42	1 78

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grants
		$ c.	$ c.	$ c.	$ c.	$ c.
Children's Convalescent Camp*	Burlington	......	......	32 86	1,840 34	1,873 20
Blue Mountain Camp for Crippled Children*	Collingwood	792 50	669 12	3 15	3,982 70	5,447 47
St. John's Convalescent Hospital	Newtonbrook	20,445 83	15,760 00	219 20	6,107 64	42,532 67
Civitan Convalescent Camp*	Toronto	......	609 00	......	......	609 00
Hastings Memorial Con. Hosp.†	Toronto	352 50	2,678 75	......	......	3,031 25
Hillcrest Convalescent Hospital	Toronto	6,561 00	8,428 75	944 65	......	15,934 40
East Windsor Convalescent Hospital	Windsor	213 75	3,074 35	26 73	......	3,314 83
East Windsor Convalescent San.‡	Windsor	......	4,448 75	14 71	......	4,463 46
Totals	......	28,365 58	35,668 72	1,241 30	11,930 68	77,206 28

CONVALESCENT HOSPITALS (Continued)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 40c.	Days at 10c.	Amount	Grant for indigents from unorganized territory	Total Government grant
				$ c.	$ c.	$ c.
Children's Convalescent Camp*	Burlington	1,799	....	719 60	....	719 60
Blue Mountain Camp for Crppled Children*	Collingwood	2,738	....	1,095 20	....	1,095 20
St. John's Convalescent Hospital	Newtonbrook	13,840	....	5,536 00	641 25	6,177 25
Civitan Convalescent Camp*	Toronto	1,188	....	475 20	....	475 20
Hastings Memorial Convalescent Hospital†	Toronto	8,452	....	3,380 80	....	3,380 80
Hillcrest Convalescent Hospital	Toronto	7,301	281	2,948 50	30 00	2,978 50
East Windsor Convalescent Hospital	Windsor	2,544	717	1,089 30	....	1,089 30
East Windsor Convalescent Sanatorium‡	Windsor	3,667	....	1,466 80	133 75	1,600 55
Totals	....	41,529	998	16,711 40	805 00	17,516 40

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory, less amounts paid with regular monthly grant during year.

Name of Hospital	Location	Number of patients	Days at $1.65	Less days at 40c.	Amount
					$ c.
Children's Convalescent Camp*	Burlington	....	....	....	....
Blue Mountain Camp for Crippled Children*	Collingwood	....	....	....	....
St. John's Convalescent Hospital	Newtonbrook	12	513	513	641 25
Civitan Convalescent Camp*	Toronto	....	....	....	....
Hastings Memorial Convalescent Hospital†	Toronto	....	....	....	....
Hillcrest Convalescent Hospital	Toronto	1	24	24	30 00
East Windsor Convalescent Hospital	Windsor	....	....	....	....
East Windsor Convalescent Sanatorium‡	Windsor	1	107	107	133 75
Totals	....	14	644	644	805 00

*These camps operate in summer months only.
†Approved December 3rd, 1937.

‡Discontinued June 30th, 1938.
(a) Returns incomplete.

SUMMARIZED STATEMENT OF PROVINCIAL GRANTS
For the Year October 1st, 1937, to September 30th, 1938

	Public Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
STATUTORY PER DIEM GRANTS:					
Days at 60c.	1,712,585	32,662	......	......	1,745,247
Days at 10c.	141,828	2,144	......	998	144,970
Infant Days at 30c.	130,859	6,626	......	......	137,485
Days at 40c.	......	......	362,579	41,529	404,108
Amount	$1,080,991 50	$21,799 40	$145,031 60	$16,711 40	$1,264,533 90
INDIGENTS FROM UNORGANIZED TERRITORY:					
Number of Patients	2,394	479	24	14	2,911
Days at $2.00	65,672	7,154	5,963	......	78,789
Days at $1.65	......	......	......	644	644
Amount (after deduction for per diem grant)	$100,632 00	$10,594 20	$9,191 10	$805 00	$121,222 30
Number of Infants Born	285	107	......	......	392
Days at $1.00	2,896	1,060	......	......	3,956
Amount (after deduction for per diem grant)	$2,035 00	$756 70	......	......	$2,791 70
Total Indigent Grant*	$102,667 02	$11,350 49	$9,191 10	$805 00	$124,013 16
Total Grant Earned for Year	$1,183,658 52	$33,149 89	$154,222 70	$17,516 40	$1,388,547 51
Deduction for Audit Adjustments, etc.	7,286 80	416 95	75 60	......	7,779 35
TOTAL NET GRANT	$1,176,371 72	$32,732 94	$154,147 10	$17,516 40	$1,380,768 16

*NOTE:—Small differences are due to odd amounts paid on account by patients.

LICENCED PRIVATE HOSPITALS AND REST HOMES as at September 30th, 1938

Location	Name of Hospital	Licencee	Type	Bed Capacity
Private Hospitals				
Allandale	Strathaven Private Hospital	Miss J. A. McLennan, Reg. N.	Medical, Surgical and Maternity	4
Bracebridge	Mrs. Thompson's Nursing Home	Mrs. R. G. Thompson	Maternity	4
Campbellford	Campbellford Private Hospital	Dr. E. A. Stuart	Medical, Surgical and Maternity	10
Copper Cliff	International Nickel Co., Ltd.	Dr. Harold F. Mowat, Supt.	Medical and Surgical	33
Emo	Sutcliffe Private Hospital	Mrs. Emma Sutcliffe	Medical, Surgical and Maternity	7
Fort Frances	Dr. O'Donnell's Private Hospital	Dr. J. E. O'Donnell	Medical, Surgical and Maternity	10
Fort Frances	Dr. McKenzie's Private Hospital	Dr. D. C. McKenzie	Medical, Surgical and Maternity	17
Fort William	Margaret Jane Dewar Private Hospital	Dr. R. Kerr Dewar	Medical, Surgical and Maternity	6
Geraldton	Little Long Lac Gold Mines Hospital	Dr. J. V. Riches	Medical, Surgical and Maternity	12
Hamilton	Salvation Army Maternity Hospital	Salvation Army	Maternity	22
Havelock	Havelock Private Hospital	Mrs. Lucinda Cummins	Medical, Surgical and Maternity	7
Hawkesbury	Hawkesbury Private Hospital	Dr. T. W. Smith	Medical, Surgical and Maternity	12
Hawkesbury	Asylum of the Good Shepherd	Sisters of Good Shepherd of Quebec	Maternity	27
Hawkesbury	Dr. Kelly's Private Hospital	Dr. E. P. Kelly	Medical, Surgical and Maternity	12
Hensall	Huron Springs Sanatorium	Dr. Alexander Moir	Medical, Surgical and Maternity	15
Galt	Galt Convalescent Home	Miss Edith M. Renwick, Reg. N.	Medical	10
Kapuskasing	Sensenbrenner Private Hospital	Spruce Falls Power & Paper Co., Ltd.	Medical, Surgical and Maternity	50
Kirkland Lake	Cairns Private Hospital	Mrs. Mary Moffatt	Medical, Surgical and Maternity	9
Leamington	Hopewell Private Hospital	Miss Mary Dinning, Reg. N.	Medical, Surgical and Maternity	18
London	Bethesda Hospital	Salvation Army	Maternity	21
Markdale	Markdale Private Hospital	Dr. R. L. Carefoot	Medical, Surgical and Maternity	12
Oakville	MacDonald House	Mrs. Jane Taylor	Medical and Maternity	9
Ottawa	Rideau Private Hospital	Mrs. Olive A. Farley	Medical, Surgical and Maternity	18
Port Perry	Port Perry Private Hospital	Mrs. Nellie Whitmore, Reg. N.	Medical, Surgical and Maternity	9
Preston Springs	Preston Springs Sanatorium, Ltd.	Drs. J. E. and L. G. Hagmeier	Medical, Surgical and Maternity	50
Red Lake	Howey Gold Mines Private Hospital	Dr. T. J. Goodison	Medical and Surgical	4
Smooth Rock Falls	Smooth Rock Falls Private Hospital	Abitibi Power & Paper Co.	Medical, Surgical and Maternity	11
South Porcupine	Dome Mines Private Hospital	Dome Mines, Ltd.	Medical and Surgical	5
Stouffville	Brier Bush Private Hospital	Mrs. E. R. Good	Medical, Surgical and Maternity	16
Sutton	Sutton Private Hospital	Miss Elsie V. King	Medical, Surgical and Maternity	10
Thorold	Maplehurst Private Hospital	Miss F. L. Stevenson, Reg. N.	Medical, Surgical and Maternity	23
Toronto—200 Danforth Ave.	Albany Private Hospital	Mrs. Elizabeth N. McCulloch	Medical, Surgical and Maternity	18
862 College St.	Clifton Memorial Nursing Home	Miss Alice M. Jeffrey	Medical and Surgical	10
538 Brunswick Ave.	Conway Nursing Home	Mrs. Edith H. Robinson	Medical, Surgical and Maternity	12
94 Isabella St.	Isabella Hospital	Mrs. Jessie Urquhart	Medical, Surgical and Maternity	10
880 St. Clair Ave. W.	Oakwood Clinic Hospital	Dr. W. S. Grimshaw	Medical, Surgical and Maternity	10
123 Isabella St.	Private Rest Home	Mrs. Ada Trout	Medical and Surgical	4
53 Harvie Ave.	St. Clair Private Hospital	Dr. Harold E. Baker	Maternity	4
550 Jarvis St.	St. Mary's Hospital	Sisters of Misericorde	Medical, Surgical and Maternity	25
432 Sherbourne St.	Stirling Rest Home	Miss Catherine Stirling, Reg. N.	Medical, Surgical and Convalescent	14
626 Church St.	Mrs. Stewart's Rest Home	Mrs. Esther C. Stewart	Medical and Surgical	4
32 Gothic Ave.	Strathcona Private Hospital	Miss Jean I. Nesbitt, Reg. N.	Medical, Surgical and Maternity	25
56 Isabella St.	Victoria Memorial Hospital	Miss Annie Pringle, Reg. N.	Medical, Surgical and Maternity	25
923 College St.	Duke Fingard Inhalation Hospital	Dr. A. G. McPhedran	Medical and Surgical	14
Vankleek Hill	Vankleek Hill Private Hospital	Dr. A. McDonald	Medical, Surgical and Maternity	10
Weston	Cottage Nursing Home	Mrs. Margaret Pudifin	Medical, Surgical and Maternity	8
Wiarton	Porter Private Hospital	Mrs. Eva Porter	Medical, Surgical and Maternity	9
Wiarton	Mrs. Root's Private Hospital	Miss Susan Scoles, Reg. N.	Medical, Surgical and Maternity	7
Convalescent Hospitals				
Cobourg	Brookhurst Convalescent Home	Miss Effie C. Bolster, Reg. N.	Convalescent	5
Delhi	Coronation Convalescent Home	Mrs. W. Luis Britton	Convalescent	10
Pendleton	Henry Moffatt Memorial Rest Home	Miss Irene Tucker, Reg. N.	Convalescent	10
Toronto—867 College St.	Allen Rest Home	Miss Catherine Osborne	Convalescent	14
10 Homewood Ave.	Homewood Rest Home	Miss Rosa Middleton, Reg. N.	Convalescent	8
Rest Homes				
London	Community Private Hospital	Mrs. G. A. Watson	Rest Home	4
London	Queen's Private Rest Home	Miss Jean McDermid	Rest Home	5
Markham	Glen Rouge Rest Home	Miss A. Elsie Mayhew	Rest Home	4
York Mills	Pine Lodge Rest Home	Mrs. W. Turner	Rest Home	5

Annual Report

UPON THE

Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 31st MARCH

1938

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 18, 1939

ONTARIO

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1939

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To The Honourable Albert Matthews,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to present the Annual Report upon the Prisons and Reformatories of the Province of Ontario for the year ending 31st March, 1938.

Respectfully submitted,

H. C. NIXON,
Minister.

HONOURABLE HARRY CORWIN NIXON,
Provincial Secretary of Ontario.

SIR:

In presenting the several reports concerning the Reformatories and Prisons of Ontario for the year which ended March 31, 1938, I wish again to give first the following table showing the number of commitments and sentences from the year 1913.

Year ending September 30th	Approximate population of Ontario.	Persons Committed for Trial	Persons Sentenced to Prison
1913	2,767,000	19,250	11,897
1914	2,770,000	22,777	14,801
1915	2,788,000	20,337	12,663
1916	2,728,000	16,100	9,364
1917	2,750,000	12,445	7,867
1918	2,769,000	13,242	7,874
1919	2,821,000	13,096	7,904
1920	2,849,000	14.756	8,643
1921	2,934,000	16,800	9,790
1922	3,101,000	14.800	9,312
1923	3.035,000	13.995	8,036
1924	3,075,000	15,879	8,834
1925	3,115.000	18.023	11,306
1926	3.151.000	18,033	11,371
1927	3.176,000	20,578	13,927
1928	3.241,000	23,786	16,358
1929	3.285,000	25,980	17,626
1930	3.366,000	29,126	21,421
1931	3.432.000	26,358	18.127
1932	3.479,000	25,235	15,804
1933	3.510.000	22,484	14.538
1934	3,540.000	20,916	13,509
Year ending March 31, 1936	3,690.000	24.053	16,356
1937	3,711,000	27,592	20,618
1938	3.731.000	30.345	23.649

Note: The fiscal year was changed in 1935 to end March 31.

The important and serious fact is immediately evident that there has been a huge increase in the number of prisoners in recent years and this increase continued without abatement during the year under review. This increase is out of all proportion to the increase in the total population of Ontario. A glance at the number of commitments in the various categories of crime shows that the increase has been in crimes against *Order* and *Peace* and against *Property* and comparatively little increase in crimes against the *Person* and against *Public Morals* and *Decency*.

A careful search for the causes of crime brings the conclusion that they have not materially changed through prolonged time and consist of the undesirable characteristics and weaknesses of human nature that have caused grief, sorrow and tragedy through the ages. Yet while they have not varied in kind they vary in volume and the number of persons involved. It is obvious from a perusal of the criminal statistics compiled in this Province during the year that by far the greatest proportion of crime is still committed by those of below average intelligence, elementary education and perhaps as a result of these two preparations for life, unskilled or entirely without a trade or profession. In times of economic stress such persons, if already employed, are the first to get pushed out of work and find it almost impossible to find remunerative work again. They follow the line of least resistance and being what they are, lacking in intelligence and moral stamina, gravitate to crime.

The present high point of crime is, therefore, easily understood in view of the present world, national, family and individual conditions and the resultant economic conditions.

But even in present economic conditions the amount of crime could be very much reduced by better training of the youth of our land. Most of current crime is committed by adolescents and young men. It is true and gratifying that much is being done by many agencies but much more could be done.

The home through time has been the place above all others where youth has been properly trained or spoiled and it is now. If the parents do not do this important work of properly training their children it probably will not be done. One sympathizes with many parents of our present day. Distraught with the effort to find the necessities of life such as proper shelter, food and clothing, for their family, it is not surprising that weary mentally and physically and discouraged they sometimes fail to properly influence their children.

Yet I believe that generally speaking the youth of our land think and act straight, are willing to work and get ahead in life by their own efforts and will likely make a better job of living than generations preceding them. If we give them a chance at useful work they will successfully make their way.

During the year there was a material increase in the per diem maintenance cost per prisoner. The disturbed conditions outside the Institutions were felt inside and to maintain order and discipline it was necessary to increase custodial staffs. Good discipline in general was maintained. If prisoners do not learn to respect law and order inside prison they are not likely to do so after discharge.

The cost at the Ontario Reformatory, Guelph, was considerably increased by two fires, one in the main stores building by lightning, and the other in the diary barn of unknown cause. Throughout the Institutions it was found necessary to make heavy repairs to buildings.

Staffs, as well as being increased, were undoubtedly improved by further weeding and higher qualifications required in replacements and additions. Certainly the calibre of these staffs is the highest in the history of our Institutions.

These Institutions are dealing with the failures of life. These failures are not placed in our care until they have passed the years in which character is most easily developed. And yet very material reformation is accomplished. In spite of the large increase in the total number of prisoners the percentage of repeaters dropped from 48.6% to 45.3%. And the majority of these repeaters are comparatively young men.

Because of the frailties and uncertainties of human nature, it is never easy to accurately forecast the future of these persons but results of the work of the Board of Parole and the Parole Office continued very satisfactory. Parole in carefully selected cases is a valuable stepping stone to rehabilitation.

Again, Sir, I wish to commend our Officials and Officers in the Department and the Institutions for their splendid work and to express my appreciation of your constant sympathetic consideration.

C. F. Neelands,
Deputy Provincial Secretary.

TABLE No. 1

Movement of Population in Ontario Reformatories and Industrial Farms.
April 1st, 1937, to March 31st, 1938.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
Remaining in custody April 1st, 1937	667	172	598	329	109	1,875
Committed during the year	912	298	851	2,458	175	4,694
Re-admitted from Penitentiaries	....	....	9	....	....	9
Re-admitted from other Institutions	10	3	2	....	1	16
Re-admitted Parole Violators	29	4	22	....	....	55
Re-admitted Ticket of Leave Violators	1	1	1	....	....	3
Total number in custody during year	1,619	478	1,483	2,787	285	6,652
Discharged on expiration of sentence	386	159	636	2,343	141	3,665
Discharged by ticket-of-leave	38	7	3	1	....	49
Discharged by Parole Board	485	93	142	6	31	757
Discharged by payment of fines	1	4	4	71	4	84
Discharged by remission of sentence	12	1	....	5	....	18
Discharged by Order-in-Council	....	1	....	23	1	25
Discharged by Minister of Justice	....	3	4	....	1	8
Released on Bail	2	1	1	2	1	7
Transferred to Hospital	....	....	2	....	....	2
Transferred to Hospital for the Mentally ill	4	6	5	4	3	22
Transferred to Other Institutions	7	28	5	1	....	41
Returned to gaol	1	22	6	18	1	48
Deported	5	2	5	2	....	14
Released or transferred for other reasons	11	....	15	1	....	27
Escaped and not recaptured	1	4	4	3	1	13
Died while in custody	2	2	3	....	....	7
Total number discharged, etc	955	333	835	2,480	184	4,787
Number remaining in custody, March 31st, 1938	664	145	648	307	101	1,865

The following tables show Social Conditions; Educational Status; Habits as to use of Intoxicants and Drugs; Nationalities; Occupations and Criminal History of Prisoners Committed to Ontario Reformatories and Industrial Farms for the year ending March 31st, 1938.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
2. Social Conditions						
Married	180	133	261	853	83	1,510
Single	732	145	561	1,481	72	2,991
Widowed	....	8	18	124	20	170
Divorced	....	12	11	....	....	23
3. Educational Status						
Illiterate	48	8	48	219	19	342
Elementary	716	223	636	1,906	123	3,604
High School	137	56	148	305	33	679
College or University	11	11	19	28	....	69
4. Habits as to use of Intoxicants						
Abstainers	239	....	62	33	45	379
Temperate	532	150	298	1,144	42	2,166
Intemperate	141	148	491	1,281	88	2,149
5. Habits as to use of Drugs						
Abstainers	912	298	795	2,370	164	4,539
Addicts	....	....	56	88	11	155
6. Nationalities						
Canadian born	779	220	677	1,680	127	3,483
English	35	28	34	219	14	330
Irish	10	6	8	154	1	179
Scotch	16	11	25	183	10	245
United States	23	7	25	22	12	89
Other	49	26	82	200	11	368
7. Criminal History						
First time	407	93	111	433	90	1,134
Second time	144	72	76	241	32	565
Third time	117	51	107	136	21	432
More than third time	244	82	557	1,648	32	2,563
8. Occupation						
Agricultural	78	25	37	97	....	237
Commercial	273	57	59	734	12	1,135
Domestic	5	8	61	107	134	315
Labourers	418	108	467	1,037	....	2,030
Mechanics	111	96	213	441	....	861
Professional	3	4	13	7	3	30
No occupation	24	....	1	35	26	86

Length of Sentences received by Prisoners committed in the Ontario Reformatories and Industrial Farms and their Ages.

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
9. Ages of Prisoners						
15–19	449	2	15	58	32	556
20–24	210	81	211	177	53	732
25–29	71	69	165	188	30	523
30–34	46	36	131	241	13	467
35–39	46	41	126	316	17	546
40–44	33	24	69	315	14	455
45–49	22	19	49	373	2	465
50–54	14	16	35	254	9	328
55–59	10	4	37	216	2	269
60–64	6	4	8	177	1	196
65–69	1	1	5	111	2	120
70 and over	4	1	....	32	....	37
10. Length of Sentences						
Definite						
Under 30 days	....	....	....	161	....	161
30 days and under 60	....	1	3	1,561	31	1,596
2 Months and under 3	2	3	28	272	12	317
3 " " " 4	34	36	78	289	21	458
4 " " " 5	8	6	49	58	6	127
5 " " " 6	6	2	24	11	3	46
6 " " " 9	90	36	126	92	18	362
9 " " " 12	12	7	26	1	4	50
12 " " " 15	89	38	131	5	6	269
15 " " " 18	9	4	12	1	....	26
18 " " " 21	23	6	27	3	....	59
21 " " " 24	36	5	27	1	4	73
Indefinite						
3 Months to 6 Months	94	25	35	2	9	165
3 " to 9 "	33	3	5	....	2	43
3 " to 12 "	11	1	3	....	9	24
3 " to 18 "	1	....	....	....	....	1
3 " to 24 "	1	....	....	....	26	27
6 " to 9 "	51	43	28	....	3	125
6 " to 12 "	76	13	37	....	10	136
6 " to 18 "	7	2	6	....	....	15
6 " to 24 "	1	3	1	....	1	6
9 " to 12 "	22	13	9	....	....	44
9 " to 18 "	1	....	....	....	....	1
9 " to 24 "	....	....	....	....	....	....
12 " to 18 "	44	27	31	....	1	103
12 " to 24 "	22	7	11	....	1	41
18 " to 24 "	12	9	7	....	....	28
24 " to 36 "	12	5	10	....	....	27
24 " to 48 "	5	3	4	1	....	13
Miscellaneous	210	....	133	....	8	351

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
11. Escapes						
Escaped and evaded capture........	1	1	4	......	1	7
Escaped and were recaptured	3	6	19	3	....	31
12. Employment of Prisoners in the Institution during the Year (Per Centage)						
Clerical..............................	1.50	1.38	4.08	.50	....	....
General Maintenance.................	30.30	25.10	47.24	27.00	54.00	....
Sick..................................	5.50	2.59	2.85	2.50	3.00	....
Bush Operations......................	....	....	17.95	....	....	....
Industrial............................	36.80	50.16	3.05	10.00	42.00	....
Farm and Garden.....................	15.50	20.77	19.66	50.00	1.00	....
Land and Road Improvement	10.40	....	5.17	10.00	....	....
13. Number of Officers and Employees on March 31st						
Superintendent......................	1	1	1	1	1	5
Physicians..........................	2	1	2	1	1	7
Dentists............................	1	1	....	....	1	3
Teachers............................	2	....	2	....	1	5
Bursars or Stewards.................	....	1	....	1	1	3
Storekeepers........................	1	....	1	1	....	3
Asst. Storekeepers	1	....	....	....	....	1
Accountants, Clerks, Stenographers, etc.	10	....	6	2	2	20
Sergeants (Day)	1	1	1	1	....	4
Asst. Day Sergeants.................	1	....	2	....	....	3
Night Sergeants.....................	1	1	....	1	....	3
Asst. Night Sergeants................	1	....	1	....	....	2
Guards (Day) or Attendants	81	20	73	23	15	212
Guards (Night) or Attendants.........	20	6	21	5	3	55
Kitchen and Dining Room Help.......	2	....	....	1	....	3
Nurses	....	....	1	....	1	2
Farmers, Gardeners and Assts.........	3	....	1	1	1	6
Engineers and other Mechanical Help..	13	3	5	1	6	28
All other Employees..................	5	1	5	....	1	12
Total............................	146	36	122	39	34	377

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
A. Crimes Against the Person						
Abduction	3	......	......	......	......	3
Abortion	2	......	......	......	1	3
Assault Common	13	6	3	7	3	32
Assault Felonious	15	8	21	45	......	89
Attempted Suicide	1	1	2	......	......	4
Cutting and Wounding and attempting same	2	......	2	4	......	8
Shooting with intent	......	......	......	......	......	......
Stabbing	......	......	......	......	......	......
Manslaughter	1	1	......	1	......	3
Carnal Knowledge	20	......	4	......	......	24
Incest	4	......	......	......	......	4
Rape and Assault with intent	......	......	......	......	......	......
Total	61	16	32	57	4	170
B. Crimes Against Property						
Arson and Incendiarism	8	......	......	1	......	9
Breaking and Entering	22	42	......	34	1	99
Burglary	21	......	94	......	......	115
Housebreaking	133	......	30	1	......	164
Robbery	22	3	6	6	2	39
Forgery	18	9	14	8	3	52
Fraud	1	1	5	2	2	11
False Pretences	33	31	42	118	4	228
Shopbreaking	87	8	......	3	......	98
Theft of Cars	113	20	60	......	......	193
Taking without owners consent	42	......	......	18	......	60
Larceny or Theft	183	63	194	358	22	820
Receiving Stolen Goods	35	21	55	45	1	157
Trespass	......	1	......	2	......	3
Total	718	199	500	596	35	2,048

	Ontario Reformatory Guelph	Ontario Reformatory Mimico	Industrial Farm Burwash	Industrial Farm Langstaff	Andrew Mercer Reformatory Toronto	Total
C. Crimes Against Public Morals and Decency						
Bigamy	5	1	1	4	1	12
Indecent Assault	28	1	8	5	......	42
Indecent Exposure or other Indecent Act	1	2	8	10	1	22
Inmates and Frequenters of Houses of Ill-fame	......	......	2	......	5	7
Keeping Houses of Ill-fame	1	1	......	11	18	31
Juvenile Delinquency	14	4	2	16	7	43
Perjury	5	1	......	......	6	12
Prostitution	2	......	......	......	8	10
Seduction	3	......	1	......	......	4
Buggery	2	1	......	2	......	5
Total	61	11	22	48	46	188
D. Crimes Against Public Order and Peace						
Breach of Liquor Control Act	2	7	63	149	29	250
Breach of Excise Act	2	7	20	27	1	57
Breach of Narcotic Drug Act	......	......	33	1	2	36
Breach of By-laws	......	......	......	......	......	......
Carrying Unlawful Weapons	5	......	1	9	......	15
Cruelty to Animals	......	1	......	......	......	1
Drunk and Disorderly	......	4	9	1,130	......	1,143
Escaping from Constable	......	......	......	1	......	1
Escaping from Prison	1	......	......	......	......	1
Gambling	......	8	......	52	......	60
Obstructing an Officer	......	2	4	3	2	11
Unlawful shooting	......	......	......	......	......	......
Vagrancy	12	19	113	297	34	475
Total	22	48	243	1,669	68	2,050
E. Other Offences not Enumerated						
Total	50	24	54	88	22	238
GRAND TOTAL— Totals of A., B., C., D. and E.	912	298	851	2,458	175	4,694

ONTARIO REFORMATORIES AND INDUSTRIAL FARM

DEPARTMENT OF PROVINCIAL SECRETARY, REFORMATORIES AND PRISON BRANCH

Average maintenance cost per day per inmate for the twelve months from April 1, 1936 to March 31, 1937, and April 1, 1937 to March 31, 1938.

	Ontario Reformatory Guelph		Ontario Reformatory Mimico		Mercer Reformatory Toronto		Industrial Farm Burwash	
	1937	1938	1937	1938	1937	1938	1937	1938
Days' Residence of Inmates	233,820	219,708	61,446	57,853	36,686	40,392	197,762	215,361
Average No. of Inmates	640.6	601.9	168.3	158.5	100.4	110.6	542.	590.
EXPENDITURE								
Medicines	.0326	.0401	.0279	.0279	.0095	.0101	.0657	.0637
Provisions	.2951	.3899	.2239	.2644	.2213	.2476	.4620	.4848
Fuel, Light and Water	.1078	.1103	.0574	.0599	.1770	.1762	.0328	.1382
Clothing	.0865	.1271	.0638	.0977	.0202	.0421	.1349	.1270
Laundry and Cleaning	.0275	.0351	.0601	.0629	.0654	.0630	.0338	.0317
Furniture and Furnishings	.0421	.0242	.0346	.0140	.0296	.0374	.0293	.0281
Office Expenses	.0101	.0152	.0134	.0157	.0127	.0156	.0064	.0081
Farm, Feed and Fodder Expense	.0790	.1229	.0942	.1115	.0232	.0145	.0906	.1055
Contingencies	.0638	.0639	.0565	.0797	.0372	.0436	.0724	.0788
Salaries	.5892	.7849	.7129	.8130	1.0593	1.0343	.6920	.7578
Repairs to Buildings	.1823	.1947	.0856	.1176	.1874	.1398	.1420	.1318
Industrial Operations	1.7757	2.3228	.2777	.4904	2.2229	2.8427	......	.1036
Total Gross Per Capita	$3.2917	$4.2311	$1.7080	$2.1547	$4.0657	$4.6669	$1.7619	$2.0591
REVENUE								
Maintenance of Insane	......	......	......	......	......	......	......	......
Custodial Revenue	.1117	.1152	.1574	.1488	.1139	.1290	.1277	.1843
Perquisites	.0378	.0657	.0360	.0440	.1978	.1820	.1747	.1815
Industrial Revenue	1.9518	2.4379	.6400	.6353	2.5840	2.7967	......	.0693
	2.1013	2.6188	.8334	.8281	2.8957	3.1077	.3024	.4351
Net Per Capita Cost	$1.1904	$1.6123	$ .8746	$1.3266	$1.1700	$1.5592	$1.4595	$1.6240

	Total Gross Expenditure		Total Revenue		Total No. of Days' Stay		
	March 31 1937	March 31 1938	March 31 1937	March 31 1938	March 31 1937	March 31 1938	
Ontario Reformatory, Guelph	769,676.48	929,618.38	491,321.77	575,378.09	233,820	219,708	Average Per Capita Cost per Diem, 1936-37. .$1.2529 Average Per Capita Cost per Diem, 1937-38. .$1.5820
Ontario Reformatory, Mimico	104,953.12	124,658.02	51,211.43	47,909.59	61,446	57,853	
Mercer Reformatory, Toronto	149,155.60	188,504.70	106,231.17	125,525.56	36,686	40,392	
Industrial Farm, Burwash	348,439.62	443,447.93	59,805.60	93,709.17	197,762	215,361	
	1,372,224.82	1,686,229.03	$708,569.97	$842,522.41	529,714	533,314	
Less Revenue	708,569.97	842,522.41					
	$663,654.85	$843,706.62					

COMPARATIVE EXPENDITURE AND REVENUE FOR THE TWELVE MONTHS ENDING MARCH 31st, 1937 AND MARCH 31st, 1938.

	EXPENDITURE				REVENUE			
	March 1937	March 1938	Increase	Decrease	March 1937	March 1938	Increase	Decrease
Ontario Reformatory, Guelph—								
General Maintenance	$ 174,090.92	$ 204,042.68	$ 29,951.76		$ 34,954.95	$ 39,754.71	$ 4,799.76	
Repairs to Buildings	42,626.31	42,776.96	150.65					
Salaries	137,771.36	172,451.65	34,680.29					
Industries	415,187.89	510,347.09	95,159.20		456,366.82	535,623.38	79,256.56	
Ontario Reformatory, Mimico—								
General Maintenance	38,830.68	42,450.34	3,619.66		11,882.80	11,154.91		727.89
Repairs to Buildings	5,256.17	6,800.38	1,544.21					
Salaries	43,802.69	47,034.24	3,231.55					
Industries	17,063.58	28,373.06	11,309.48		39,328.63	36,754.68		2,573.95
Mercer Reformatory, Toronto—								
General Maintenance	21,869.49	26,259.35	4,389.86		11,433.65	12,561.27	1,127.62	
Repairs to Buildings	6,876.21	5,645.64		1,230.57				
Salaries	38,861.43	41,776.20	2,914.77					
Industries	81,548.47	114,823.51	33,275.04		94,797.52	112,964.29	18,166.77	
Industrial Farm, Burwash—								
General Maintenance	183,499.08	229,556.52	46,057.44		59,805.60	78,776.56	18,970.96	
Repairs to Buildings	28,085.28	28,376.28	291.00					
Salaries	136,855.26	163,209.43	26,354.17					
Industries		22,305.70	22,305.70			14,932.61	14,932.61	
TOTALS	1,372,224.82	1,686,229.03	$ 315,234.78	$ 1,230.57	$ 708,569.97	$ 842,522.41	$ 137,254.28	$ 3,301.84

EDUCATIONAL RESULTS AS SHOWN BY A STUDY OF REFORMATORY INMATES

BY

J. D. Heaslip, M.D.

Superintendent, Ontario Reformatory, Guelph, Ontario.

Social maladjustment in childhood and youth evidenced in delinquent behaviour accounts for most of our reformatory admissions. It is also true that only a very small percentage of this delinquent behaviour leads to a reformatory sentence. Many boys find themselves in court and are placed on probation, or suspended sentence, and never appear again as offenders. Others may appear four or five times and may secure only a short gaol sentence. Those under sixteen years of age may be sent to a boys' training school. Others, and they are in the minority, who are over sixteen years of age, may be sentenced to the reformatory on their first appearance in court. These are termed "first offenders" by some, but this term is truly a misnomer. Investigation usually shows that these "first offenders" lives have followed a delinquent pattern for months or years and this is the first time the law has "caught up with them". Some of these boys are very resentful that they have to do a reformatory sentence on their first appearance in court, because they have known other companions or acquaintances who made several appearances. They may also have profited with these companions in the fruits of their illegal ventures.

I do not wish to register an opinion against this probation given by the courts, because I believe it is very desirable to straighten a boy away without institutionalizing him if this is at all possible.

A survey of our total population of 664 on March 31, 1938, verifies the above statements. We have 246 prisoners or 37.05% against whom there was no record of any previous convictions. There were 418 or 62.95% who had records of previous convictions.

The number of prisoners of 25 years of age and over was 154. Of these 116 or 75.32% of this group were first offenders, and 38 or 24.68% of this group were recidivists.

The greatest group in our total population were those of the age group 15 years up to and including 24 years. Ages of this particular group:

Age	15	16	17	18	19	20	21	22	23	24
Number	3	56	91	100	89	86	33	18	21	13
Total of										510

Of these 130 or only 25.49% were first convictions, while 380 or 74.51% had been previously convicted and under arrest. Of these 380, 175 had actually served time in custody under sentence either in our reformatories or county gaols, 65 had served one previous term in our reformatories; 13 had served two previous terms in our reformatories:

No. of Inmates	Serving Sentence Previously
105	Once
47	Twice
16	Three times
6	Four times
1	Five times

and all before the age of 25 years.

No listing in the above is made of those boys who had served a term in one of the boys' training schools. We had at March 31, 1938, some 82 boys we knew had been in these schools. There were probably a few more.

The problem of our reformatories and the chief expense to the public is not the boy who gets into trouble once and serves one sentence here; but the boy who starts early and becomes a recidivist here, and keeps right on serving sentences in our other reformatories at Mimico, Burwash and Langstaff, with probable terms interspersed at penitentiaries either in this country or the United States. The economic loss due to the depredations of this recidivist group, added to costs of conviction, very often totals a great deal more than their permanent upkeep would be in a government institution.

The solution seems to be PREVENTION, and I believe something can be done in our Public Schools to forward this aim if you as teachers can distinguish the type of boy early, who may be our future inmate.

Criminal causations are complex, not simple. No one factor is responsible for the main influence in causing offences against our society and laws. Almost invariably not one but many causes are operating in a given case. After interviewing many hundred inmates, talking with their parents, reviewing magistrates', judges' and parole board reports and sociological records, I am of the opinion that the following causes are the most frequently met with, and given in the order in which they occur:

(1) Defective home conditions appear most frequent.

(2) Mental abnormalities and peculiarities a close second.

(3) Bad companions.

(4) Faulty interests.

(5) Improper sex influences.

(6) Abnormal physical conditions.

(7) Mental conflicts.

(8) Defective heredity.

(9) Defective early development conditions.

(1) and (3)—Lack of supervision and discipline is due to lack of control in the home from a variety of causes: absence of one or both parents; pampering by

the mother; or indifference on the part of the parents. Bad companions are a direct result of this lack of supervision and the failure of parents to know with whom their children are associating, and what the children are doing and talking about. Friction in families may be due to disciplining—the father may be unreasonable in his discipline. Undesirable influences environmental in type seem to have been due to poverty. No home life, changing home conditions, lack of family solidarity, mother dead, father and children keeping house—are all conditions met with, many times. Also low moral standards in the family due to ignorance on the part of parents. Too much supervision and discipline sometimes has the opposite effect to that desired, causing poor moral development because the parents make all the decisions for the child.

Bad neighborhood conditions are chiefly due to the presence of adult and juvenile lawlessness. The physical elements of the environment may cause criminality.

(2) Mental abnormalities show the following relative importance in causing criminal behaviour.

A. Mental Defectiveness.

B. Borderline cases.

C. Dull normal mentality.

D. Instability.

E. Abnormal extroversion.

F. Inferiority complex.

G. Lack of ethical judgment and insight.

H. Abnormal suggestibility.

I. Abnormal resistance to control.

J. Mental disease

K. Abnormal interoversion.

(4) Faulty interests in education and vocation rank first, with faulty recreational and sex interest ranking second and third respectively.

(5) Improper sex influences come most often through early introduction into autoerotic practices with early introduction into homosexual practices, early undesirable sex information and early introduction into hetero-sexual practices.

(6) Abnormal physical conditions such as paralysis, amputations, defects of speech and hearing, etc., that prevent a boy from being normal in his life.

(7) Mental conflict is based most often on sex, but parentage and theft may also serve as a basis. I might cite here as an illustration the case of a lad recently discharged, who stole a car and was carrying a concealed weapon. His mother was frightened of this boy, who was just past sixteen years of age, and stated she did not wish to ever see him again. He was extremely bright, having a 16 plus mental rating and the wish to become an archaeologist. He was remanded to the Ontario Hospital, Whitby, for a month for observation, and the psychiatrists found him

normal mentally, before he came to us. One day in an interview he told me what I believe was the whole cause of his criminal behaviour. From the time of his childhood he had no father like the other boys he played with and he had a younger sister. When he had inquired of his mother where his father was, he was always told by his mother that his father had been killed in the war. About the age of twelve he was able to figure out for himself the war had been over about four years before he was born, and he never asked his mother again. This resentment toward his mother was never cleared up between them until after our interview. The mother did not know the cause of her son's attitude to her, or to his sister, and I believe that the proper adjustment of this boy to his parentage, will enable him to overcome his difficulties, and I hope will lead him to live a normal life in future.

(8) Defective heredity, and

(9) Defective development conditions, need only be mentioned.

Every inmate on admission to this institution receives a thorough medical examination. He then goes through our school department, where he undergoes a Columbian mental test, and an educational test which rates his educational age on Ontario Public and High School work. If he is illiterate he receives the American Army Alpha Beta test for illiterates. If his mental test score is low he goes to our psychiatrist for a mental examination. A sociological report is made upon him with a psychologist's opinion, and a school report with educational rating.

A study was made of 443 consecutive admissions to the reformatory in the age group 16 to 24 years, based on mental age, educational age, age left school, and age at first delinquency.

The following table shows the average of these results:

Number in Groups	Mental Age	Educational Age	Age Left School	Age at First Delinquency
46	Below 10.5 yrs.	Below 10 yrs.	14.5 yrs.	14.9 yrs.
54	“ 10.5–12 “	“ 10 “	14.6 “	16.7 “
56	“ 12–13 “	“ 10 “	14.8 “	15.5 “
83	“ 13–14 “	“ 10.6 “	15.1 “	15.8 “
92	“ 14–15 “	“ 11.7 “	15.2 “	15.5 “
70	“ 15–16 “	“ 12.4 “	15.4 “	16.3 “
35	“ 16–17 “	“ 13.6 “	15.9 “	16.3 “
7	“ 17 yrs. plus	“ 16.3 “	17.2 “	18.1 “
443				

In other words, in terms of mental rating:

46 are mental defectives	10.3%
54 are borderline to defective	12.2%
139 are dull normal	31.3%
197 are of normal intelligence	45.3%
7 are of superior intelligence	1.7%
443	

This group compares very similarly to a previous survey of a group of 816 inmates of all ages in a paper published in the Ontario Journal of Neuro-Psychiatry this year. When the older inmates were included the normal intelligence and superior intelligence groups were slightly higher.

In other words, in terms of education:

100 have less than Junior .... 11 rating
84 have Junior .... II "
75 have Junior .... III "
67 have Senior .... III "
40 have Junior .... IV "
46 have Entrance.
22 have Lower School.
9 have Matriculation.
443

Only 77 inmates or 17.3% of the total group have Entrance standing or better, while the average time of leaving school for the whole group is 15.1 years. One might speculate that these boys might have done better if their mental abilities could have been directed and held firmly in the desired path. One of the first things we notice when they come to us is their wish to try many and different lines of work about our institution and those who have found work before being sentenced may have had three or four jobs which they held for two weeks to a few months. The "stick-to-it-ivness" necessary for success in any line of work is missing from their make-up. One wonders how much their school training is responsible for this. The boy who fails his year once or twice loses interest and perhaps the frustration aids him to adjust his world to delinquencies, which in some measure makes up to him for his failure at school work. I would suppose that truancy would be more common in this type of scholar and would result in bad companions and delinquency. I am also convinced that the boy who behaves badly in school probably behaves very badly at home, and a note or a report sent home of bad conduct is of little use. I believe there should be some one sent out by the school to the home who could report intelligently on these problem scholars and their home life and their methods of spending their recreation periods, and more effort made to evaluate all this and co-relate it with school instruction. Perhaps too much time and attention is spent on the 80% who are successful each year and who go on to graduate with little difficulty. I am convinced that nearly all of those who graduate to the reformatory come from this other 20% who do not do so well.

It is an axiom of reformatory work that the boy who is arrested for delinquencies before he has reached the age of fourteen years is most likely to go on and be a recidivist to reformatories and penitentiaries. One of our churches believes that if they can have the training of a boy until he is fourteen his religion will not alter during his life.

In this group of 443, there were 117 boys who had delinquencies before the age of 14.

A study of this group shows:

Prisoners against whom there are convictions recorded, lacking full particulars:

Number of convictions	58
Number of prisoners	21

= 17.95%

Prisoners convicted but not previously in custody, (except Industrial or Training Schools):

Number of convictions	178
Number of times sentenced	69
Number of prisoners	44

= 37.61%

Prisoners previously in custody:

Number of convictions	183
Number of times sentenced	69
Suspended or on probation	39
Number of prisoners	52

= 44.44%

Those in custody:

County Gaols	41
O. R. Guelph	36
Other Institutions	10

The explanation of the recidivist proclivities of this early age group is that they adjust themselves too well to inmate life, form lasting friendships with other boys with delinquent aims and set out deliberately to make "an easy living without working."

Character building could be accomplished in our schools, especially for those who have not the proper family background. Perhaps too much of this is left to the church, and while I do not wish to detract from the work the church does, I find a goodly percentage of our inmates had little or no contact with the church. They practically all had contact with the school, so I would suggest that the school curriculum stress—beside teaching three R's, courtesy, thrift, work, beauty, sportsmanship, honesty, health, service, co-operation, self-reliance and above all the Golden Rule.

Character is largely a matter of training and habit. Under temptation we behave according to a habit of honesty or dishonesty, courage or cowardice, and if this could be stressed more in our schools I believe it would pay dividends by lessening our reformatory population.

Our so-called desperate criminals did not awaken one morning and suddenly decide to become gunmen, nor did any other criminal you read of in the paper. He went to a school similar to yours. He started mildly into anti-social conduct as a consequence of objectionable habits acquired through some of the causes I have mentioned; served a term or two in a reformatory or prison and gradually became the tough character that is so hard to reform. In the early formative stages of his character a few kind words of instruction, a little interest, an ideal built up for him, might have made all the difference.

CRIME AND EDUCATION

Extracts from Victor H. Evjens, Probation Officer, Illinois, in Education Digest:

"What are the schools to do about the maladjusted child? Many of our schools accept them as misfits and make little or no effort to fit the school to the child. Most of our schools make the child do the fitting. These misfits are lost in our mass education processes. They are the children who cannot follow the teacher, who are driven out of the classroom, who will appear before the judge in the behaviour clinics and in the reform schools.

"The formal training of most teachers stressed courses in history of education, methods, measurements, subject matter, etc., with little or no emphasis on the application of mental hygiene principles to the educational system.

"To the psychiatrist the active, curious extrovert child who often becomes a nuisance to the overburdened teacher is not a serious problem socially.

"The teacher has to be more than a pedagogue. Ability to place subject matter within the grasp of the child is secondary. The teacher must be a child welfare worker, equipped to recognize problem situations, to trace them to their source and to fit the educational scheme to the needs of the child."

* * * * *

Lewis E. Lawes, warden of Sing Sing Prison, in an address before the American Association of School Administrators, Atlantic City:

"The records of Sing Sing Prison indicate that most of the inmates did not even complete the Sixth Grade. . . . It is a shame that the talents of many men in Sing Sing manifest themselves for the first time in prison. If these men had been given special aptitude tests in school and trained for types of work for which they showed some inclination, they would now be social assets instead of social liabilities.

"Poor eye-sight or bad hearing may cause some children to be categorized as backward through no fault of their own. Many symptoms of later sexual or mental derangements, as well as physical defects, may be detected and cured in the school child. As the youngster grows older, the chance of cure decreases.

"The problem child is simply one whose difficulties are not understood in time and properly corrected."

Mr. Lawes questioned whether anyone tries to learn why children become truants. He asks the following questions:

Did anyone ascertain whether the boy mingled with unsavory companions, who led him to believe that education was unnecessary?

Did anyone visit his home to see whether the parents were exerting an unhealthy influence?

Is the teacher the type of individual who is irritable because of a frustrated existence?

"It is a shame that all these factors are not considered before sending a boy to a truant school, which too often is no more than an incubator to crime."

Reformatories

THE ONTARIO REFORMATORY, GUELPH, CANADA

Dear Sir:

The attached statistical report of the Ontario Reformatory, Guelph, covers the fiscal year ending March 31, 1938.

The number of commitments—912 is 17 higher than the previous year. 659 or 72.25% of the total were under the age of 25 years. 545 or 59.75% were under the age of 21 years. This is in keeping with your departmental policy of segregating the younger inmates and first offenders at this Institution.

Notwithstanding general press reports that lack of work and opportunity is sending our youth into crime, these statements are not borne out by a careful examination of our inmates. The causes are to-day the same as they were ten, twenty and thirty years ago.

The educated bright youth is not as a rule in the Reformatory. By actual educational tests, only 17% of our inmates have Entrance standing or better and only 1.7% have superior intelligence rating. I have great faith that our youth of to-day will still survive and conquer the difficult times we are passing through.

Four escapes were made and three were recaptured, leaving one still at large.

The medical department gave excellent service. Some ninety major and minor surgical operations were performed. Two deaths occurred, one from lung abscess and the other from peritonitis from intestinal obstruction. The general health of the inmate population was good. The dental clinic treated 1627 patients during the year.

Our School functioned well during the year but we were unfortunate in losing the services of our teacher, Mr. Pender, through death. He was unsparingly devoted to his work. Beside academic work, night classes were given by our officers, in laundry work and dry cleaning, machine shop practice, tailoring, shorthand, bookkeeping, motor mechanics, electrical work and barbering. We find that approximately 24% of our population are interested in bettering themselves by study and classes.

The gymnasium is being used nightly. A full programme from 6 p.m. to 8.30 of physical training and gymnastic work is carried out and every effort has been made to develop physical well-being, and to take up free time that might be wasted in idle conversation.

The library was re-catalogued and re-opened Christmas week of 1937 with five hundred books. By March 1, 1938, we had eighteen hundred and sixty-one suitable books which had been donated by public libraries and interested friends, to whom I desire to extend appreciation.

All the industrial departments of the Institution have operated steadily throughout the year. Total industrial revenue of all departments was over $540,000.00, which is an increase over the preceding year of 67½ thousand dollars.

On the farm, crops were good and were all successfully harvested. The value of these crops was over 37½ thousand dollars.

Plenty of good healthy work was available for all of our inmates, in the excavation for the new cell block and the cement work connected therewith. Our gravel pit furnished all sand, and the quarry the necessary crushed rock. The work in excavating for swamp reclamation went on well through the winter months.

Discipline was well maintained during the year.

We are indebted to those who, during the year, provided entertainment, religious service, and spiritual advice to our inmates.

I wish to commend my staff for their conscientious and loyal service in a work that is tedious, exacting and often exasperating. The fruits of this work are sometimes never shown to the workers, when the mark of success is calculated in the non-return of the inmate.

I wish to thank the Honourable Mr. Nixon, yourself and your staff for the kindness, courtesy and understanding aid you are at all times so willing to extend to us.

Yours very truly,

(Signed) J. D. HEASLIP,

Superintendent.

MR. C. F. NEELANDS,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto.

THE ONTARIO REFORMATORY, MIMICO

DEAR SIR:

I beg to submit the annual report of the Ontario Reformatory, Mimico, for the year ending March 31st, 1938.

I am pleased to report that through the fine co-operation of my staff and valued assistance received from the officers of the Department, we have enjoyed an excellent year. Discipline has been maintained to a high degree; health standards have been kept at a high level. The spiritual welfare of the inmates has been cared for by the following, to whom our grateful thanks are due: Rev. Father McGrath (Roman Catholic); Rev. M. G. B. Williams (Church of England); Mr. R. B. Hayhoe (Plymouth Brethren); and various members of the Salvation Army.

Results of the operation of our farm were most encouraging. All crops were above average. We are now able to appraise the result of the new policy of raising our own heifer calves. During the year six home-bred heifers freshened. Their milk production and butterfat tests are noticeably above the average obtained from cows purchased. Products from live stock were as follows:

Dairy Herd—217,025 pounds of milk.
5 heifer calves (being raised for milch cows).
9 calves sold for vealing.

Swine —145 hogs, 31,190 pounds live weight.

Poultry —1,643 dozen eggs.
1,200 pounds dressed poultry.

The result from the operation of the brick and tile plant has been quite encouraging. The floor tile industry has somewhat fallen off owing to substitution of terazzo floors. The output of brick and partition tile has been quite heavy which has kept the mill operating to capacity. We have had possibly the best year in a long time, which is rather gratifying. At this time I wish to recommend that steps be taken to formulate plans in the near future for the erection of a new building more modern and if possible largely on one floor. This is to be done in easy stages without causing too much interruption in the production of the many parts belonging to the industry. In the north entrance of the dryers steam seems to collect. The present ventilators do not appear to have sufficient volume to carry this off. Possibly the installation of a suction fan would eliminate this moisture which becomes a nuisance, especially in the winter and only served to rot the timbers.

Some of the younger officers are taking their work very seriously and have formed themselves into a sort of school of training under the direction of the night sergeant with the object of becoming more proficient. Some books were purchased and placed at their disposal and I am pleased to say good use is being made of them.

In addition to the above recommendation, I should like to suggest for your consideration the following matters which have been referred to in previous reports:

1. The appointment of a full time teacher qualified to teach technical courses, as well as elementary subjects to illiterates.

2. Some years ago psychiatrists from the Ontario Hospital, New Toronto, mentally examined inmates on admission. In due course a report was submitted, showing mental age, intelligence quotient, prognosis, etc. This information was valuable in many ways, allocating men to work, awarding punishment for infractions of the rules, etc., etc. I recommend consideration be given to the matter of again instituting intelligence tests. Apart from the value of the test while the inmate is incarcerated; statistics over a period of time doubtless would be of value in solving the problem of the growing population of our penal Institutions.

3. The replacing of our present dormitory system with a cell system, or part cell system. In addition to making for better order and discipline than the dormitory system, I am convinced that the effect of the cell system on the inmate is much better. Many of our inmates are serious minded men, who would prefer the privacy and quiet of a cell, where they could read and study. This is practically impossible in a dormitory.

4. The establishment of some system of Probation Officers or Big Brothers, to take a sympathetic interest in the men after their release.

5. That consideration be given to the matter of increasing floor space of our machine shop. This could be done with our own labor and cull bricks could be used, thereby, necessitating the purchase of such materials as lime and cement only.

In conclusion, I should like to express my personal thanks and appreciation to the officers of the Department and to the members of the staff here.

Yours sincerely,

(Signed) J. R. ELLIOTT,

Superintendent.

MR. C. F. NEELANDS,

Deputy Provincial Secretary,

Parliament Buildings,

Toronto, Ontario.

INDUSTRIAL FARM, BURWASH, ONTARIO

SIR:

I have the honour to forward the following report for the Industrial Farm, covering from April 1st, 1937, to March 31st, 1938, but would point out that I was appointed Assistant Superintendent, March 9th, 1937, and appointed Superintendent October 15, 1937, when Mr. T. M. Gourlay was transferred to the Head Office, Toronto, thus part of this report covers Mr. Gourlay's administration, and the other part covers mine, from October 15th, on.

During this period our inmate population increased and we, therefore, increased our custodial staff, accordingly, our work being scattered over a large acreage, and our inmates divided up into small gangs, requiring quite a few officers to guard them, as we have a big percentage of fairly long-termers.

The New Dormitory and Hospital Building is still under construction, and nearing completion, and it will relieve us of a lot of worry when we can occupy it, as the old frame building now in use is not very safe and is a big fire hazard, and the new up-to-date Hospital will be a great asset.

We have started to build two seven room brick veneer houses, for the staff, which will be greatly appreciated, as we are very short of houses for our married staff.

A new telephone line was built between Burwash and Sudbury, a distance of twenty-eight miles, with the assistance of the Forestry Branch, who also have two wires on the line for their own use. This greatly improves our telephone communication with outside points, particularly with our Head Office in Toronto.

A concrete foundation and basement was put under the house occupied by the Clerk of Records and considerable repairs were made to the apartment house, occupied by four families.

During this period, we were able to clear thirty-five acres of land and get it ready for cultivation. A Tailor Shop was opened, and we have eighteen inmates working there, where we make shirts for all our officers, and nearly all the clothing used by our inmates. Our lumbering industry was pursued vigorously through the winter months, and we got about 8,000 cords of firewood and 150,000 feet of logs to be cut into lumber at our own Sawmill.

During the spring of 1937, we had a thaw, and then a severe cold spell which froze all pools of water into ice, and this killed the grass, in all the low-lying meadows and our hay crop was light. Our grain crops were poor, owing to an extended dry period during the summer, but our potatoes turned out well, and we had a surplus this spring, which we shipped to another Institution. Our sun flowers, used for ensilage, were very good, but our turnips were only fair. Our horses and cattle, both dairy and beef, are in good condition, also our sheep and pigs.

As the bush around the main camp has been cut down, and used for lumber and firewood, and it is now such a long walk for the inmates going to cut wood, the Department has helped out by buying coal, which we use part time to supplement the wood, in heating and cooking.

There has been very little sickness among the staff and inmates, due to the care of Dr. W. H. Hills, Senior Medical Officer, and Dr. R. F. Ross and Nurse Edna Bunting.

Our school is conducted ably by Mr. W. Paterson, Principal and Miss Helen Sheffield, and our school children numbering 39, are doing fine.

Major and Mrs. Talbot of the Salvation Army, who reside here, conduct church services regularly for the inmates and staff (separately) and Sunday School for the children; Rev. Bruce of Coppercliff, Anglican Minister, and Father Coté, R.C., of Estaire, conduct services twice monthly; The Gideons visit occasionally and we are visited once a year by the Shantymen's Christian Association.

A course of instruction in musketry, care and handling of revolver and rifle, etc., and lectures on duties, discipline, loyalty, handling of men, first aid, etc., was started, and all ranks had to attend; all new officers must attend these classes.

I would like to take this opportunity to thank all our officials at our Head Office in Toronto, for their advice and assistance, and to say that it has been a great pleasure to work in such harmony and co-operation as has been given to me.

I have the honour to be,

Sir,

Your obedient servant,

(Signed) H. W. POWELL,

Superintendent.

Mr. C. F. Neelands,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ontario.

TORONTO MUNICIPAL FARM

Langstaff, Ontario

C. F. Neelands,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ont.

Dear Sir:

The Annual Statistical Report for the year ending 31st March, 1938, is being submitted herewith.

In comparing this Report with that of last year it will be seen that there were 2,480 admitted during the year—an increase of 262 over the year ending 31st March, 1937. This increase is mostly made up of offences against Public Order and Peace and the offenders are, for the most part, recidivists who have received numerous short sentences. Seldom, if ever, is it considered necessary or justifiable to award sentences even approaching the maximum in these cases. The result is that some men are convicted as often as ten or twelve times during the course of a year with sentences varying from one week to one month. It would be far more beneficial to the individual were he to receive a sentence of six months, he then would be less likely to come to the notice of the police so promptly after discharge.

During the year there were 88 Drug Addicts admitted as compared with 124 of last year or a decrease of 36. This, however, is not an indication of a decrease in the drug habit in this district as it is understood that a much larger percentage of these addicts have been removed to Burwash during the past year.

In January some agitators were successful in inciting a number of the population to be dissatisfied and several imaginary complaints were formulated. No attempts at violence were shown but a definite defiance of authority was displayed in the morning of January 8th, when all but a few men failed to answer the signal for work. The majority of the men, however, had no desire to take part in this demonstration but had been forced to concur for fear of the consequences.

The men were strongly advised to go to their respective gangs and to work and that little time would be given them to do so. A number of those responsible for causing this demonstration were segregated and duly punished. The inactivity lasted for a very short period and all men were at work within half an hour.

Over a period of the past few years the attitude of inmates in general has changed from one of regard for rules and regulation to one of opposition to all restrictions. There is no doubt but that inmates now feel they have the support and encouragement of the public and that any demonstration they, the inmates, decide to carry out will receive the full support of a large percentage of the local inhabitants, including people in public office. Much of the difficulty during the past few years has been brought about by misguided men and women in public life who, without sufficient knowledge of their subject, have sought to make vast changes which they, perhaps sincerely, believe to be necessary. Had these people made careful enquiry and study before making statements to press and public they would have been more guarded in their remarks and less inclined to foster a feeling of unrest in our public Institutions. There is no doubt that those referred to are, in many cases, quite sincere but if they would be persuaded to concentrate their efforts on some worthy movement which would undertake to seek out and to assist these men before they became law-breakers, much more worthwhile work would be accomplished. In other words we require prevention of crime rather than an over measure of misplaced sympathy with those who persist in being offenders against Society. Following are some extracts from the report of a Grand Jury on their visit to this Institution recently:—

"At noon we learned that some prisoners wished to lay complaints before us and while we listened patiently all afternoon to the individual complaints of 49 prisoners and subsequently investigated these complaints". . . . "What struck us most forcibly was the large number of "repeaters" who complained to us—those who have served time in other Institutions; who have become wantonly discriminating in their likes and dislikes and who fail to recognize these places as penal institutions for corrective purposes but rather as publicly-supported domiciles of privileges and rights.

"We realize now more than ever before that the authorities are faced with increasingly difficult problems in dealing with the "repeater". Misplaced sympathy and "spoon feeding" the criminal on the part of the public can go too far. Public opinion in making these institutions places to stay away from does not go far enough."

Discipline during the year has been maintained but is becoming increasingly difficult to enforce for reasons given above.

Inmates have, with few exceptions, shown a decided physical improvement during incarceration. In this regard at least they have benefitted and leave the Institution capable of undertaking any employment demanding physical fitness.

It is again recommended that steps be taken to provide for a suitable gratuity for certain inmates at the expiration of sentence. While both the Government and the City agree that such a gratuity should be paid neither feels called upon to provide the necessary funds. It is hoped that an agreement will be reached in the near future so that inmates of this Institution may be placed on the same basis as those similarly situated.

Farming operations were successfully carried out and satisfactory results obtained, including the harvesting of 182 tons of Ensilage, 4,800 bus. Oats, 2,965 bus. Barley, 313 tons Hay, 3,705 bus. Potatoes, 1,100 bus. Wheat, 210 bus. Soy Beans, etc. Profits were shown in hog raising, $400.00, Truck Gardening, $5,000.00, Dairy Herd, $4,873.00. New pasteurizing equipment was installed during the year with the result that the bacteria count has now been reduced to the extraordinary low figure of from 100-500 per c.c.

The staff has continued its loyal support and has rendered valuable services during the year. They are worthy of the highest commendation for the manner in which they so cheerfully carry out their arduous and unpleasant duties.

We are indebted to the Originals Club, The Salvation Army and the Church Army for providing suitable entertainment during the year, also to the Salvation Army, the Church Army and the Catholic Church for religious services and social welfare.

May we again express our sincere appreciation of the wholehearted co-operation of the Department, including the Hon. Mr. Nixon, yourself and all members of your Staff with whom we come in contact. It is indeed a pleasure to feel that such a spirit of helpfulness exists at all times.

Yours sincerely,

(Signed) G. HEDLEY BASHER,

Superintendent.

MERCER REFORMATORY

1155 King Street West, Toronto

C. F. Neelands, Esq.,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ontario.

Sir:

I have the honour to submit to you the Annual Report of the Andrew Mercer Reformatory for Females. Examination of the statistical report appended hereto will show the number and character of our floating population.

The school is of particular benefit to the illiterate received here and great satisfaction is felt by them in learning to read and write. Unless a woman herself wishes to change, no change can be made in her character. Many that come to us are in poor health and of low grade mentally. These are mostly the types that upset the discipline of the institution. The discipline was good, however, and although there were of course infractions of rules there was no serious trouble. One woman escaped while under treatment in the Toronto General Hospital.

Much work has been done by our Dentist who visits one half day each week. Complete examinations are made of all inmates and treatment is given when requested. Complete physical examinations and laboratory tests are made on all inmates and specific treatments are given when necessary. There were no deaths during the last twelve months. Nine babies were born during the mothers' terms in this institution, and three were admitted with mothers transferred here from other Institutions. One of the babies died.

A group of women under the supervision of a Matron attends to the garden and grounds in the summer months. The garden was very profitable in the past year.

A programme of entertainment is carried on throughout the year. The girls furnish much of their own amusement, in the form of concerts during the winter months and baseball in the summer. The women are allowed out in the recreation-yard in favourable weather but not when it is cold.

I trust that all recommendations recently made by an officer of the Toronto Fire Department after he had inspected the institution will be accomplished and all fire hazards removed.

I recommend that much stricter supervision be given women on parole, and that a woman officer be appointed for this purpose and the finding of suitable employment for those paroled.

On July 31, 1937, the sudden death of Miss Elder occurred. She was a valued member of the staff for over twenty years and her loss has been keenly felt in the institution.

Many interested friends have given their services to the uplifting of those in our care. Representatives of the different denominations have visited weekly and held services for both Roman Catholics and Protestants. The Salvation Army continues its deep interest in the welfare of the inmates of the Reformatory. To all these helpers in the work I give my grateful thanks.

In conclusion I wish to express my appreciation of the efficiency, loyalty and co-operation of the staff, and the kindly help from members of the Department and to you, Sir, for your cordial support in all matters relating to the management of this institution.

Yours very truly,

(Signed) JEAN MILNE,

Superintendent.

Board of Parole

ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE

For the Year Ending March 31st, 1938.

The Ontario Parole Board through the year just ended has been successful in the rehabilitation of many persons sentenced to indeterminate terms in the different provincial reformatories. Much of this success can be attributed to the co-operation the Parole Office has received from the various municipal and provincial police, and many local organizations throughout the province, the members of which are interested in the welfare of those in their community who had come in conflict with the law.

Owing to the conditions which now exist it is difficult in many cases for inmates who have been granted parole to secure employment, but in the majority of cases this has been arranged, often through the efforts of the officials and organizations mentioned above.

Below is tabulated the number of meetings, paroles granted, etc., for the year. It will be noticed that there were 750 paroles granted and that 747 paroles were made effective. This was brought about by some paroles made effective in 1937-1938 being granted by the Board during the previous year.

The personnel of the Board was not changed during the year and is composed of: J. F. McKinley, L. J. Long, A. F. Hatch, R. S. Clark, W. B. Common and Mrs. D. Strachan.

	1936-37	1937-38
Number of meetings held	35.	35.
Paroles authorized	942.	750.
Paroles put into effect	824.	747.
Disappeared while on parole	26.	31.
Committed crime while on parole and re-convicted	44.	39.
Returned to Reformatory and paroles cancelled	9.	9.

The Salvation Army

A REPORT OF THE MEN'S POLICE COURT WORK IN THE CITY OF TORONTO

For the Year Ending September 30th, 1938

In presenting this annual report of the Police Court Work of the Salvation Army in Toronto for the year ending September 30th, 1938, we desire to state that we are highly appreciative of the many facilities provided by the Court authorities for the effective carrying on of the work. The co-operation thus afforded has been an important factor in the success that has attended our efforts on behalf of prisoners and their dependents.

Brigadier E. Owen regularly visits the Courts in the interest of men who have violated the law, and by means of interviews before or after the trial; by addressing the Court during the trial; and by offers of care for the prisoner if discharged, valuable work is done for the prisoner as well as for his family. A similar service is rendered by Captain Esther Perry and Adjutant Elizabeth Watt in connection with the Women's Courts.

The Discharged Prisoner

Magistrates frequently avail themselves of the Army's facilities for caring for those in trouble, by handing over to the care of our Officers men from the Police Courts. These are provided for in the Army's Institutions until employment is secured, or those having homes or friends are restored to them. Personal contact is maintained by visiting these persons in their homes or meeting them at the Army's Social Headquarters, and this method is a strong factor in their rehabilitation.

One of the difficulties confronting discharged prisoners in obtaining employment is the lack of suitable clothing. A shabby appearance is not helpful to obtaining a job, but we do our best to remedy any defect in this direction by supplying the men with presentable attire.

In addition to food and shelter, transportation—to a limited extent—is provided when work, or a suitable domicile has been secured. As far as possible each man is dealt with individually, and in this way many hundreds of former prisoners have been assisted to rehabilitate themselves.

By reason of the fact that the Salvation Army has centres of operation in almost all towns and cities of Ontario, the Organization is in a favorable position to help restore men to their homes and friends outside the City of Toronto, and in this work Army Officers stationed in the Province co-operate splendidly with those in the Capital.

POLICE COURT CASES

It is encouraging to note that out of the many hundreds of men who pass through our hands from the Police Court, a very small percentage relapse into crime. A number of these men have been brought to us by the police, but the only charge against them is that of being homeless. We readily receive them into our Hostels.

As this report deals only with Toronto Men's Police Court work, it does not take into account the work done at the Women's Police Court, or at Langstaff, Mimico or the Don Jail. These Institutions are dealt with in a further report.

THE SALVATION ARMY MEN'S SOCIAL DEPARTMENT REPORT OF WORK IN THE TORONTO POLICE COURTS

YEAR ENDING 1938

Visits to Police Court	828
Interviews with men—these interviews take place before the men come up for trial, in order to see whether we can be of assistance	4,584
Number of men given to care of the Salvation Army by Police Magistrates	657
Number of letters or 'phone calls on behalf of men	1,566
Number of visits on behalf of men to relatives and prospective employers	2,021
Visits are usually made to see what assistance can be rendered to the family, or to prospective employers, or the possibility of making reconciliation.	
Number returned to homes, friends, or found employment	736
Our first effort is to return the person to his home, or to get back his old job, if employed.	
Meals and beds provided—Temporary assistance is given until the person is rehabilitated	16,777
Number provided with clothing	157
Many men who come from the Court are not decently clothed for work. These needs are met.	

The above are the Toronto Police Court Statistics only, and do not take in the work done at Langstaff, Mimico, Don, with the exception of meals and beds.

WOMEN'S SOCIAL DEPARTMENT TORONTO POLICE COURT

YEAR ENDING SEPTEMBER 30TH, 1938

Number of visits to Courts and Prisons	695
Number of hours spent in Police Court	586
Number of interviews	2,711
Number of cases spoken for	65
Number remanded in care of the Salvation Army	71
Number handed over for outside supervision	7

Number sent to situations	29
Number sent to parents or friends	12
Number of meals to prisoners and ex-prisoners	1,369
Number of articles of clothing given	50
Number of beds to prisoners and ex-prisoners	503
Number of carfares paid	1,068

THE SALVATION ARMY TORONTO POLICE COURT. (MEN'S SECTION)

Statement of Income and Expenditure for the Fiscal Year Ended September 30th 1938

Expenditure		Income	
To Salaries	$1,358.50	*By Grant—*	
Rents	674.00	City of Toronto	$1,650.00
Travelling	313.60	Donations	65,15
Administrative—		Deficit	1,007.04
Printing and Stationery, Postage, Telephone, Telegram, Stenographer, etc., etc.	376.09		
	$2,722.19		$2,722.19

A REPORT OF THE PRISON, JAIL AND POLICE COURT WORK IN THE PROVINCE OF ONTARIO

For the Year Ending September 30th, 1938

We herewith present a brief report of the work done by the Salvation Army in Prisons, Jails and Police Courts of Ontario.

Our Officers are continuously in touch with the inmates of the Langstaff, Mimico, Guelph, Burwash, Kingston, and other penal institutions, and *every man* on discharge—if he has no place of residence—may be accommodated in our Home during the period of time he is seeking work or arranging to return to relatives. In Toronto we have a special building for the accommodation of discharged prisoners, and a number of Officers are exclusively employed in looking after the interests of discharged men and their families.

It is most difficult for a man leaving prison to regain his former place in society, but many do so, and often the way is made easier for the man by arrangements made with our Officers to meet and welcome him, prior to his release.

It is generally recognized that in respect to law-breakers, the real sufferers are the wives and children. Prisons, as a rule, are often far more comfortable than many of the homes in which the families live, and prison fare is better than many working men are able to supply to their families.

Prisoners' Welfare Work

It is well that even law-breakers should be spared unnecessary punishment while in prison, but it sad that the innocent should suffer at home for the misdeeds of the wrong-doer. The Salvation Army strives to alleviate the conditions of the dependents of prisoners, and in practically every town and city our Officers are available for visiting the families of men in prison and helping the man on his discharge.

The following is an extract from a report of the Superintendent of Penitentiaries:—

> "All wardens speak highly of the welfare work with discharged convicts which is carried on by the Salvation Army. It is apparent that the organization has increased its efforts, and is assisting more discharged prisoners in Canada than at any time during its history. On behalf of the wardens of Penitentiaries, and on behalf of this branch, I again desire to express our thanks and deep appreciation of this organization."

The experience of the Salvation Army goes to prove that there is no factor making for the permanent reformation of the wrong-doer so powerful as the effects of religion, therefore it is to the spiritual nature of the prisoner that Salvationists urgently appeal by means of personal interviews and religious meetings. Thus to the thousand religious services conducted in the Ontario Prisons during the year, and the hundreds of personal interviews, plus the contacts in their own homes, and in the Social Service Office on their release, may be attributed in a great measure the change of heart an encouraging number of discharged prisoners experience.

In closing I want to put on record our gratitude and thanks to Superintendents and Officials of the various Institutions, also to Magistrates and Crown Attorneys for their real sympathy and help in cases where they feel that mercy can wisely be extended. I want to refer also to the sympathy shown by the Officials of the Parliament Buildings, Honourable H. Nixon, Mr. C. F. Neelands, also the Attorney General and others who facilitate our efforts in such works of mercy.

Visits to Jails, Prison and Police Courts including visits when services are held	4,594
Interviews with men	13,087
Religious services conducted in Prisons and Jails	2,798
Men handed to the Salvation Army, met on discharge or who have come direct to the Prison Office	3,583
Meals and Beds supplied free	22,090
Letters written, or calls made by 'phone in order to bring about reconciliation, or secure employment for discharged men	4,389
Visits to homes, also to prospective employers on behalf of prisoners	4,964
Employment secured, returned to former jobs, or sent back to parents or friends mostly from the Police Court	2,012
Number provided with clothing	1,175

Gifts are given to men at Christmas at all prisons and jails.

PRISON AND POLICE COURT WORK IN THE PROVINCE OF ONTARIO

Statement of Income and Expenditure for the Fiscal Year Ended September 30th, 1938

Expenditure		
To assistance to prisoners and dependents		$ 4,699.71
To expenses of Officers engaged in Prison and Police Court Work:		
Burwash:		
Salaries	$1,106.50	
Rents	57.00	
Incidentals	109.22	
		1,270.72
Guelph:		
Salaries	499.92	
Incidentals	75.70	
		575.62
Toronto—Men's Police Court:		
Salaries	1,358.50	
Rents	674.00	
Travelling	313.60	
Incidentals	376.09	
		2,722.19
Toronto—Women's Police Court:		
Salaries	1,079.75	
Rents	177.00	
Travelling	88.30	
Incidentals	265.30	
		1,610.35
Kingston:		
Salaries	1,193.50	
Travelling	62.00	
Incidentals	126.32	
		1,381.82
		$12,260.41

Income	
By Grants:	
Province of Ontario	$ 5,000.00
City of Toronto	1,650.00
City of Kingston	180.00
Kingston Social Service Council	660.00
Donations	65.15
Deficit	4,705.26
	$12,260.41

Annual Report upon the

Gaols in Ontario

FOR THE YEAR ENDING MARCH 31ST, 1938

1.	City Gaols (Toronto and Hamilton)	2
	County Gaols	35
	District Gaols	10
	Total number of Gaols in Ontario	47
2.	Total expenditure for Gaol Maintenance in Ontario:	
	For year ending March 31st, 1937	$455,043.32
	For year ending March 31st, 1938	500,213.00
3.	Average maintenance cost per day per prisoner:	
	For year ending March 31st, 1937	$ 1.01
	For year ending March 31st, 1938	1.01
4.	Average dietary cost per day per prisoner:	
	For year ending March 31st, 1937	.142
	For year ending March 31st, 1938	.1508
5	Number of prisoners committed:	
	For year ending March 31st, 1937	27,592
	For year ending March 31st, 1938	30,345
	Increase	2,753
6.	Number of prisoners sentenced:	
	For year ending March 31st, 1937	20,618
	For year ending March 31st, 1938	23,649
	Increase	3,031

COMMITMENTS

	1936-37	1937-38	Decrease	Increase
Murder	20	23		3
Manslaughter	39	58		19
Crimes:				
Against the Person	1,336	1,374		38
Against Property	6,573	7,381		808
Against Public Morals and Decency	701	748		47
Against Order and Peace	15,500	17,978		2,478
Mentally Ill	476	451	25	
Number of Days Stay of Prisoners	453,232	494,052		40,820
Escapes	13	9	4	
Escaped and Recaptured	11	6	5	
Deaths in Gaols	17	11	6	

The following tables show total Sex, Social Conditions, Habits, and Educational Status of all prisoners committed:

Sex

	1936-37	1937-38
Male	26,130	28,767
Female	1,462	1,578

Social Conditions

	1936-37	1937-38
Married	9,698	10,466
Unmarried	17,857	19,879

Habits

	1936-37	1937-38
Temperate	9,964	9,764
Intemperate	17,628	20,581

Educational

	1936-37	1937-38
Could Read or Write	26,376	29,339
Could neither Read nor Write	1,216	1,006

The following tables show the Nationality, and Occupation of all prisoners committed

Nationality

	1936-37	1937-38
Canadian Born	20,187	22,910
English	1,760	1,796
Irish	796	912
Scotch	1,005	1,180
United States	515	590
Other Countries	3,329	2,957

Occupations

	1936-37	1937-38
Agricultural	1,442	1,415
Commercial	6,267	5,970
Domestic	1,354	1,512
Labourers	14,673	16,818
Mechanics	2,736	3,126
Professional	300	331
No Occupation	820	1,173

NUMBER OF PRISONERS COMMITTED REPORTED AS DRUG ADDICTS

Brockville	1	Peterboro	2
Guelph	3	Sarnia	1
Hamilton	43	Simcoe	2
Kitchener	3	Toronto	160
London	3	Windsor	2
Milton	1		
		Total	221

NUMBER OF TIMES COMMITTED

	1936-37	%	1937-38	%
First Time	14,199	51.4	16,603	54.7
Second Time	4,700	17.1	4,929	16.3
Third Time	3,088	11.1	3,187	10.5
More than Third Time	5,605	20.4	5,626	18.5
	27,592		30,345	

Offences for which prisoners were committed and sentenced during the year.

A. CRIMES AGAINST THE PERSON

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Abduction	13	3	16	8	....	8
Abortion	4	7	11	2	3	5
Assault, Common	781	24	805	508	16	524
Assault, Felonious	208	2	210	143	1	144
Attempted Suicide	47	13	60	22	4	26
Cutting and wounding and attempting same	38	9	47	23	3	26
Shooting with intent	9	....	9	2	....	2
Stabbing	....	....	....	....	....	....
Manslaughter	56	2	58	12	....	12
Murder	20	3	23	7	....	7
Carnal Knowledge	92	1	93	48	1	49
Rape and Assault with intent to rape	41	....	41	19	....	19
Total A	1,309	64	1,373	794	28	822

B. CRIMES AGAINST PROPERTY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Arson and Incendiarism	38	5	43	17	1	18
Break, Enter and Theft	1,369	13	1,382	1,049	3	1,052
Robbery	163	6	169	93	3	96
Forgery	168	6	174	140	3	143
Fraud	357	19	376	229	10	239
False Pretenses	531	31	562	407	16	423
Larceny and Theft	3,249	151	3,400	2,443	75	2,518
Theft of Cars	366	2	368	276	....	276
Taking without owners consent	131	....	131	109	....	109
Receiving stolen goods	392	24	416	278	14	292
Trespass	357	3	360	310	3	313
Total B	7,121	260	7,381	5,351	128	5,479

Offences for which prisoners were committed and sentenced during the year.

C. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Bigamy	20	4	24	13	2	15
Indecent Assault	123	....	123	55	....	55
Indecent Exposure	95	3	98	72	2	74
Incest	19	1	20	11	1	12
Inmates and frequenters of Houses of ill-fame	47	60	107	26	24	50
Keeping Houses of ill-fame	59	66	125	29	43	72
Juvenile Delinquency	149	18	167	75	9	84
Perjury	29	5	34	15	3	18
Prostitution	....	12	12	....	9	9
Seduction	18	....	18	7	....	7
Buggery	20	....	20	9	....	9
Total C	579	169	748	312	93	405

D. CRIMES AGAINST PUBLIC ORDER AND PEACE

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Breaches of the Liquor Control Act	4,533	179	4,712	4,107	137	4,244
Breaches of the Excise Act	158	4	162	128	4	132
Breaches of the Narcotic and Drug Act	62	3	65	40	2	42
Breaches of the By-Laws (Do not include B.L.C.A.)	510	17	527	445	12	457
Carrying unlawful weapons	89	2	91	63	2	65
Cruelty to animals	24	1	25	22	1	23
Drunk and Disorderly (Do not include B.L.C.A.)	7,648	388	8,036	6,779	315	7,094
Escaping from Constable	12	....	12	8	....	8
Escaping from prison or gaol	26	....	26	19	....	19
Gambling	258	1	259	194	1	195
Mentally Ill	371	80	451	316	65	381
Obstructing an Officer	96	4	100	65	4	69
Selling or giving liquor to Indians (Do not include B.L.C.A.)	142	17	159	130	16	146
Vagrancy	3,093	259	3,352	1,956	125	2,081
Total D	17,022	955	17,977	14,272	684	14,956
E. OTHER OFFENCES NOT ENUMERATED ABOVE	2,736	130	2,866	1,912	75	1,987
GRAND TOTAL (Totals of A, B, C, D, and E)	28,767	1,578	30,345	22,641	1,008	23,649

TABLE

CITY and COUNTY GAOLS	Names of Officials			
	Sheriffs	Gaolers	Chief Matrons	Chief Turnkeys
Barrie	E. C. Drury	E. M. Garrity	Mrs. E. Garrity	J. R. Weymouth
Belleville	J. D. O'Flynn	G. H. French	" E. French	Jos. Semain
Brampton	F. S. Hutchinson	W. A. Partridge	" H. Partridge	Jas. Young
Brantford	C. S. Tapscott	J. Cook	" E. Cook	H. Slaught
Brockville	A. J. Traill	J. A. McLean	" M. McLean	J. Harrison
Cayuga	R F. Miller	J. B. Smith	" A. Smith	W. J. Spittal
Chatham	E. W. Hardy	P. J. Daigneau	" G. Daigneau	Wm. Henley
Cobourg	J. T. Field	F. J. Wright	" V. Wright	I. Palen
Cornwall	F. Stidwell	R. A. Cook	" I. Cowhey	J. Cowhey
Goderich	Robt. Johnston	J. B. Reynolds	" J. Reynolds	K. White
Guelph	H. C. Waind	J. Clarke	" J. Clarke	J. Borland
Hamilton*	J. W. Lawrason	F. V. Lalonde	" E. Lalonde	T. J. Hickmott
Kingston	F. R. Davies	J. T. Hawkey	" G. Hawkey	N. Sleeth
Kitchener	G. H. Gillies	E. Langridge	" V. Langridge	R. Schultz
Lindsay	J. Forman	H. W. Stone	" E. Stone	C. A. Grozelle
London	D. A. Graham	C. H. Mitchell	" J. North	W. K. Gray
L'Orignal	A. Landriault	A. Gelineau	" A. Gelineau	E. Seguin
Milton	Wm. Anderson	F. McNiven	" F. McNiven	J. C. Fleming
Napanee	J. L. Haycock	W. H. Roe	" W. Roe	M. L. Roe
Orangeville	T. K. Slack	W. C. Barber	" G. Barber	W. R. Campbell
Ottawa	S. Crooks	A. G. Dawson	" M. Connell	A. Nicol
Owen Sound	Wm. Breese	T. A. Ramage	" J. Ramage.	P. H. Guardhouse
Pembroke	Alex Morris	A. G. Brown	" M. Brown	C. Poupore
Perth	J. S. L. McNeely	W. R. Somerville.	" W. Somerville	J. Palmer
Peterboro	J. A. Harstone	T. D. Johnston	" S. Johnston	S. D. Johnston
Picton	A. E. Bowerman	W. M. McWilliams	" V. McWilliams	
St. Catharines	F. J. Graves	J. J. Dundas	" L. Dundas	A. V. Bracken
St. Thomas	I. D. Cameron	C. P. Ermatinger.	" R. Donaldson	R. B. Donaldson
Sarnia	A. J. Johnston	E. J. Mott	" E. Mott	G. Gilbert
Simcoe	A. C. Pratt	G. Mercel	" J. Mercel	T. McBride
Stratford	H. D. Lang	A. T. Trethewy	" A. Trethewy	H. Brazier
Toronto*	W. H. Cane	H. G. Denning	" M. Peers	A. Edwards
Walkerton	H. A. McGillivray.	V. M. Bell	" V. Bell	A. T. McDougall
Welland	V. L. Davidson	D. Sharpe	" D. Stewart	C. Stewart
Whitby	H. Bascom	H. F. Lucas	" I. Lucas	W. Pellow
Windsor	A. A. Marentette	J. W. Warden	" J. Warden	J. T. Morkin
Woodstock	C. E. Sutherland	J. L. Skinner	" G. Skinner	M. Hamilton
DISTRICT GAOLS				
Bracebridge	C. S. Salmon	C. Reynolds	Mrs. C. Reynolds	
Fort Frances	W. P. Pilkey	J. E. King	" J. King	J. Miller
Gore Bay	W. I. Wagg	R. McDermid	" R. McDermid	
Haileybury	H. Clifford	C. W. Austin	" A. Terrill	J. B. Anderson
Kenora	L. D. MacCallum	E. W. Cox	" F. Cox	W. R. Warner
North Bay	A. B. Girard	E. J. Turner	" F. Valin	Wm. Rayner
Parry Sound	J. E. Armstrong	T. W. Keating	" T. Keating	W. J. Tait
Port Arthur	H. Thompson	G. F. Lasseter	" G. Lasseter	C. M. Smith
Sault Ste. Marie	R. E. Stone	R. M. Hearst	" M. Hearst	W. Johnson
Sudbury	M. Arthur	W. H. O'Leary	" W. O'Leary	R. Cornthwaite
Totals				

* City Gaols.

No. 1

CITY and COUNTY GAOLS	Gaol Surgeons	Salaries of Officials				
		Gaolers	Matrons	Other Officers	Surgeons	Total
Barrie	Dr. Wm. Little	$1,200.00	$ 400.00	$1,575.00	$ 341.14	$3,516.14
Belleville	" W. C. Morgan	700.00	400.00	1,820.00	500.00	3,420.00
Brampton	" D. C. Heggie	720.00	250.00	999.75	100.00	2,069.75
Brantford	" R. H. Palmer	1,500.00	500.00	4,520.50	300.00	6,820.50
Brockville	" E. B. Moles	1,150.00	200.00	1,172.86	150.00	2,672.86
Cayuga	" A. J. Bromley	1,000.00	180.00	900.00	180.00	2,240.00
Chatham	" J. A. Ferguson	1,100.00	400.00	3,401.67	350.00	5,251.67
Cobourg	" A. R. Richards	1,000.00	200.00	1,086.75	326.00	2,612.75
Cornwall	" A. R. Alguire	2,100.00	360.00	2,329.06	323.00	5,112.06
Goderich	" A. H. Taylor	950.00	225.00	995.00	100.00	2,270.00
Guelph	" A. B. McCarter	1,000.00	300.00	2,782.50	200.00	4,282.50
Hamilton*	" T. C. Gibson	2,000.00	700.00	15,422.00	1,000.00	19,122.00
Kingston	" P. H. Huyck	1,350.00	134.00	2,567.40	296.66	4,348.06
Kitchener	" G. D. McTaggart	1,100.00	400.00	2,836.50	500.00	4,836.50
Lindsay	" M. F. White	1,170.00	234.00	1,537.25	131.25	3,072.50
London	" D. H. Hogg	1,620.00	750.00	10,636.46	700.00	13,706.46
L'Orignal	" R. Laviolette	900.00	270.00	937.00	250.00	2,357.00
Milton	" C. K. Stevenson	900.00	200.00	891.86	100.00	2,091.86
Napanee	" T. M. Galbraith	1,000.00	200.00	220.00	200.00	1,620.00
Orangeville	" J. W. Leach	1,200.00	300.00	1,902.50	125.00	3,527.50
Ottawa	" J. F. Argue	2,300.00	650.00	12,145.17	365.00	15,460.17
Owen Sound	" R. Howey	1,200.00	300.00	1,498.50	250.00	3,248.50
Pembroke	" A. J. Sparling	1,700.00	225.00	1,422.00	100.00	3,447.00
Perth	" A. C. Fowler	1,000.00	200.00	1,205.01	500.00	2,905.01
Peterboro	" J. A. Morgan	966.67	290.00	1,471.00	200.00	2,927.67
Picton	" G. Allison	700.00	200.00	509.61	150.00	1,559.61
St. Catharines	" L. H. Werden	1,100.00	300.00	2,917.74	135.00	4,452.74
St. Thomas	" D. L. Ewin	1,420.00	....	2,645.97	240.00	4,305.97
Sarnia	" W. B. Rutherford	1,075.00	400.00	2,840.50	300.00	4 615.50
Simcoe	" K. McIntosh	840.00	250.00	1,321.50	241.00	2,652.50
Stratford	" M. J. Fraser	1,100.00	450.00	1,169.00	150.00	2,869.00
Toronto*	" J. Chassels	2,900.00	1,284.80	53,221.93	1,500.00	58,906.73
Walkerton	" W. A. Hall	900.00	300.00	1,207.80	100.00	2,507.80
Welland	" M. McLean	1,620.00	250.00	3,761.00	283.00	5,914.00
Whitby	" C. F. McGillivray	821.67	241.67	2,543.75	198.00	3,805.09
Windsor	" C. J. Hemond	1,500.00	600.00	11,526.50	800.00	14,426.50
Woodstock	" C. W. McKay	925.00	277.50	1,297.10	185.00	2,684.60
DISTRICT GAOLS						
Bracebridge	Dr. E. G. Ellis	1,300.00	200.00	126.00	150.00	1,776.00
Fort Frances	" W. G. Boyle	1,700.00	300.00	1,717.50	200.00	3,917.50
Gore Bay	" A. F. Strain	1,300.00	300.00	60.00	200.00	1,860.00
Haileybury	" W. C. Arnold	1,800.00	500.00	9,072.50	400.00	11,772.50
Kenora	" W. J. Gunne	1,700.00	300.00	5,744.09	200.00	7,944.09
North Bay	" E. J. Brennen	1,900.00	450.00	7,000.08	300.00	9,650.08
Parry Sound	" M. H. Limbert	1,400.00	300.00	2,325.00	150.00	4,175.00
Port Arthur	" W. W. Smith	2,000.00	400.00	11,808.00	400.00	14,608.00
Sault Ste. Marie	" S. E. Fleming	1,800.00	400.00	3,939.09	300.00	6,439.09
Sudbury	" W. C. Morrison	2,100.00	500.00	9,296.76	720.00	12,616.76
Totals						

TABLE

Social Status and Habits of Prisoners Committed

CITY and COUNTY GAOLS	Married			Single			Temperate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	88	5	93	184	6	190	176	10	186
Belleville	191	7	198	297	9	306	250	10	260
Brampton	41	1	42	95	1	96	28	2	30
Brantford	115	10	125	259	12	271	157	12	169
Brockville	80	8	88	173	2	175	102	8	110
Cayuga	30	3	33	76	2	78	39	3	42
Chatham	167	11	178	371	23	394	334	31	365
Cobourg	97	10	107	215	7	222	120	13	133
Cornwall	106	7	113	228	6	234	53	3	56
Goderich	78	1	79	43	3	46	68	2	70
Guelph	124	14	138	265	8	273	190	21	211
Hamilton*	768	53	821	860	21	881	625	35	660
Kingston	96	4	100	193	5	198	37	5	42
Kitchener	117	10	127	319	22	341	204	26	230
Lindsay	43	5	48	64	2	66	34	4	38
London	402	57	459	770	30	800	379	34	413
L'Orignal	39	9	48	73	3	76	59	8	67
Milton	26	5	31	87	2	89	47	7	54
Napanee	38	2	40	49	1	50	35	1	36
Orangeville	48	15	63	41	8	49	78	23	101
Ottawa	627	36	663	1,687	46	1,733	732	51	783
Owen Sound	88	1	89	92	....	92	34	1	35
Pembroke	41	3	44	136	1	137	26	2	28
Perth	38	1	39	87	3	90	48	4	52
Peterboro	123	6	129	212	9	221	187	14	201
Picton	31	2	33	29	1	30	18	2	20
St. Catharines	102	5	107	187	5	192	96	8	104
St. Thomas	78	1	79	195	1	196	229	2	231
Sarnia	88	8	96	158	8	166	77	5	82
Simcoe	105	5	110	115	4	119	58	5	63
Stratford	71	1	72	119	3	122	109	4	113
Toronto*	3,445	341	3,786	5,796	256	6,052	1,563	117	1,680
Walkerton	52	3	55	95	5	100	110	8	118
Welland	129	9	138	467	7	474	273	16	289
Whitby	157	15	172	235	8	243	155	11	166
Windsor	375	21	396	812	17	829	428	27	455
Woodstock	84	5	89	142	3	145	98	4	102
DISTRICT GAOLS									
Bracebridge	34	2	36	49	1	50	66	3	69
Fort Frances	54	5	59	135	4	139	72	4	76
Gore Bay	24	2	26	12	....	12	6	1	7
Haileybury	242	29	271	522	13	535	509	38	547
Kenora	80	7	87	289	14	303	200	13	213
North Bay	181	17	198	469	14	483	182	17	199
Parry Sound	44	2	46	68	1	69	34	2	36
Port Arthur	202	52	254	941	22	963	385	34	419
Sault Ste. Marie	92	6	98	205	11	216	88	5	93
Sudbury	316	47	363	1,254	79	1,333	234	76	310
Totals	9,597	869	10,466	19,170	709	19,879	9,032	732	9,764

* City Gaols.

No. 2

during the Year ending March 31st, 1938.

CITY and COUNTY GAOLS	Intemporate			Illiterate			Could read and write		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	96	1	97	15	....	15	257	11	268
Belleville	238	6	244	3	3	6	485	13	498
Brampton	108	....	108	....	....	....	136	2	138
Brantford	217	10	227	19	2	21	355	20	375
Brockville	151	2	153	9	1	10	244	9	253
Cayuga	67	2	69	1	....	1	105	5	110
Chatham	204	3	207	11	....	11	527	34	561
Cobourg	192	4	196	6	3	9	306	14	320
Cornwall	281	10	291	49	2	51	285	11	296
Goderich	53	2	55	....	....	....	121	4	125
Guelph	199	1	200	6	....	6	383	22	405
Hamilton*	1,003	39	1,042	29	4	33	1,599	70	1,669
Kingston	252	4	256	6	....	6	283	9	292
Kitchener	232	6	238	....	....	....	436	32	468
Lindsay	73	3	76	4	....	4	103	7	110
London	793	53	846	3	....	3	1,169	87	1,256
L'Orignal	53	4	57	22	2	24	90	10	100
Milton	66	....	66	4	1	5	109	6	115
Napanee	52	2	54	8	....	8	79	3	82
Orangeville	11	....	11	18	....	18	71	23	94
Ottawa	1,582	31	1,613	30	....	30	2,284	82	2,366
Owen Sound	146	....	146	9	....	9	171	1	172
Pembroke	151	2	153	13	....	13	164	4	168
Perth	77	....	77	4	....	4	121	4	125
Peterboro	148	1	149	9	....	9	326	15	341
Picton	42	1	43	1	....	1	59	3	62
St. Catharines	193	2	195	6	....	6	283	10	293
St. Thomas	44	....	44	6	....	6	267	2	269
Sarnia	169	11	180	13	1	14	233	15	248
Simcoe	162	4	166	14	....	14	206	9	215
Stratford	81	....	81	2	....	2	188	4	192
Toronto*	7,678	480	8,158	87	5	92	9,154	592	9,746
Walkerton	37	....	37	2	2	4	145	6	151
Welland	323	....	323	17	....	17	579	16	595
Whitby	237	12	249	11	....	11	381	23	404
Windsor	759	11	770	57	2	59	1,130	36	1,166
Woodstock	128	4	132	11	....	11	215	8	223
DISTRICT GAOLS									
Bracebridge	17	....	17	1	....	1	82	3	85
Fort Frances	117	5	122	1	2	3	188	7	195
Gore Bay	30	1	31	8	....	8	28	2	30
Haileybury	255	4	259	56	3	59	708	39	747
Kenora	169	8	177	50	7	57	319	14	333
North Bay	468	14	482	183	5	188	467	26	493
Parry Sound	78	1	79	8	....	8	104	3	107
Port Arthur	758	40	798	33	1	34	1,110	73	1,183
Sault Ste. Marie	209	12	221	34	2	36	263	15	278
Sudbury	1,336	50	1,386	73	6	79	1,497	120	1,617
Totals	19,735	846	20,581	952	54	1,006	27,815	1,524	29,339

TABLE

Number Committed to Gaol, Re-commitals and

CITY and COUNTY GAOLS	Total number committed during Year			Under 16 years of Age			16 years of Age and over		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	272	11	283	3	....	3	269	11	280
Belleville	488	16	504	1	....	1	487	16	503
Brampton	136	2	138	1	....	1	135	2	137
Brantford	374	22	396	3	....	3	371	22	393
Brockville	253	10	263	4	....	4	249	10	259
Cayuga	106	5	111	.....	....	......	106	5	111
Chatham	538	34	572	16	3	19	522	31	553
Cobourg	312	17	329	5	1	6	307	16	323
Cornwall	334	13	347	.....	....	......	334	13	347
Goderich	121	4	125	5	1	6	116	3	119
Guelph	389	22	411	.....	....	......	389	22	411
Hamilton*	1,628	74	1,702	5	....	5	1,623	74	1,697
Kingston	289	9	298	.....	2	2	289	7	296
Kitchener	436	32	468	6	4	10	430	28	458
Lindsay	107	7	114	.....	....	......	107	7	114
London	1,172	87	1,259	1	2	3	1,171	85	1,256
L'Orignal	112	12	124	.....	....	......	112	12	124
Milton	113	7	120	2	....	2	111	7	118
Napanee	87	3	90	1	....	1	86	3	89
Orangeville	89	23	112	.....	....	......	89	23	112
Ottawa	2,314	82	2,396	5	1	6	2,309	81	2,390
Owen Sound	180	1	181	.....	....	......	180	1	181
Pembroke	177	4	181	.....	....	......	177	4	181
Perth	125	4	129	2	1	3	123	3	126
Peterboro	335	15	350	.....	1	1	335	14	349
Picton	60	3	63	.....	....	......	60	3	63
St. Catharines	289	10	299	.....	....	......	289	10	299
St. Thomas	273	2	275	1	....	1	272	2	274
Sarnia	246	16	262	3	2	5	243	14	257
Simcoe	220	9	229	.....	....	......	220	9	229
Stratford	190	4	194	3	....	3	187	4	191
Toronto*	9,241	597	9,838	3	....	3	9,238	597	9,835
Walkerton	147	8	155	.....	....	......	147	8	155
Welland	596	16	612	1	....	1	595	16	611
Whitby	392	23	415	3	....	3	389	23	412
Windsor	1,187	38	1,225	33	....	33	1,154	38	1,192
Woodstock	226	8	234	.....	....	......	226	8	234
DISTRICT GAOLS									
Bracebridge	83	3	86	4	....	4	79	3	82
Fort Frances	189	9	198	2	....	2	187	9	196
Gore Bay	36	2	38	1	....	1	35	2	37
Haileybury	764	42	806	.....	....	......	764	42	806
Kenora	369	21	390	8	1	9	361	20	381
North Bay	650	31	681	6	1	7	644	30	674
Parry Sound	112	3	115	.....	....	......	112	3	115
Port Arthur	1,143	74	1,217	6	....	6	1,137	74	1,211
Sault Ste. Marie	297	17	314	5	....	5	292	17	309
Sudbury	1,570	126	1,696	9	2	11	1,561	124	1,685
Totals	28,767	1,578	30,345	148	22	170	28,619	1,556	30,175

* City Gaols.

No. 3

Ages During Year Ending March 31st, 1938.

CITY and COUNTY GAOLS	Number of Times Committed to Gaol							
	First Time		Second Time		Third Time		Over Three Times	
	Male	Female	Male	Female	Male	Female	Male	Female
Barrie	167	10	41	1	27	....	37	....
Belleville	301	12	108	2	48	2	31	....
Brampton	61	2	40	....	12	....	23	....
Brantford	208	14	55	5	29	1	82	2
Brockville	150	8	24	2	17	....	62	....
Cayuga	98	5	8	....	....	....	....	....
Chatham	223	22	102	7	93	2	120	3
Cobourg	166	15	53	2	41	....	52	....
Cornwall	94	9	93	2	69	....	78	2
Goderich	70	2	27	....	14	....	10	2
Guelph	198	18	77	3	75	1	39	....
Hamilton*	764	44	238	12	123	4	503	14
Kingston	181	5	28	2	27	2	53	....
Kitchener	235	24	45	6	82	1	74	1
Lindsay	60	4	14	2	9	....	24	1
London	663	48	152	12	57	8	300	19
L'Orignal	50	7	24	3	14	2	24	....
Milton	78	5	9	2	14	....	12	....
Napanee	31	2	22	1	9	....	25	....
Orangeville	63	18	13	....	9	....	4	5
Ottawa	2,063	78	120	4	46	....	85	....
Owen Sound	78	1	40	....	19	....	43	....
Pembroke	154	4	13	....	7	....	3	....
Perth	18	....	107	4	....	....	....	....
Peterboro	237	13	27	1	19	1	52	....
Picton	21	3	7	....	8	....	24	....
St. Catharines	104	9	32	....	28	1	125	....
St. Thomas	115	1	62	1	33	....	63	....
Sarnia	117	8	57	3	31	....	41	5
Simcoe	121	7	29	2	39	....	31	....
Stratford	125	4	33	....	11	....	21	....
Toronto*	3,848	385	1,568	85	1,185	45	2,640	82
Walkerton	86	6	36	1	14	1	11	....
Welland	334	15	111	1	52	....	99	....
Whitby	279	19	50	3	39	1	24	....
Windsor	883	38	148	....	48	....	108	....
Woodstock	132	6	34	2	38	....	22	....
DISTRICT GAOLS								
Bracebridge	45	3	12	....	11	....	15	....
Fort Frances	124	7	29	....	17	2	19	....
Gore Bay	23	2	8	....	4	....	1	....
Haileybury	440	35	144	5	80	1	100	1
Kenora	305	19	40	....	14	1	10	1
North Bay	162	15	199	7	150	6	139	3
Parry Sound	100	3	5	....	5	....	2	....
Port Arthur	896	61	154	8	93	5	....	....
Sault Ste. Marie	152	8	59	5	44	3	42	1
Sudbury	661	95	414	22	284	9	211	....
Totals	15,484	1,119	4,711	218	3,088	99	5,484	142

TABLE

Prisoners Transferred and

CITY and COUNTY GAOLS	Sentenced to Gaol and afterwards removed to a Reformatory		Sentenced to and removed to a Reformatory		Sentenced to Gaol and afterwards removed to an Industrial Farm	Sentenced to and removed to an Industrial Farm
	Male	Female	Male	Female	Male	Male
Barrie	4		24		1	8
Belleville	1		46	5		
Brampton			10			
Brantford	21				10	1
Brockville	32			4		
Cayuga	7					
Chatham		1	26	2		
Cobourg			34			
Cornwall			39	4		
Goderich			8			
Guelph			44	7		
Hamilton*	68	10	192	9		
Kingston			38			
Kitchener			35	1		11
Lindsay	1		11			
London			82	7		
L'Orignal			14	1		
Milton			7			3
Napanee	12					
Orangeville			5	1		
Ottawa	4		63	4	5	24
Owen Sound			9			5
Pembroke	1		11	1		5
Perth			6			
Peterboro			25			
Picton			4			
St. Catharines	26	6				
St. Thomas	1		5			
Sarnia	21	1				
Simcoe	1		5		1	
Stratford			6	1	1	5
Toronto*	2,449		306	62		213
Walkerton			5			
Welland	4		30	1		
Whitby	1		18	1		10
Windsor			62	2	1	24
Woodstock			13	1		2
DISTRICT GAOLS						
Bracebridge	2		8			10
Fort Frances	2				1	
Gore Bay	1					
Haileybury	21	2	25	9	52	
Kenora	9				12	
North Bay	41	4			70	
Parry Sound			11			2
Port Arthur		3		1	25	55
Sault Ste. Marie				7	13	2
Sudbury	38	9	5	3	168	6
Totals	2,768	36	1,232	134	360	386

* City Gaols.

No. 4

To Where Transferred.

CITY and COUNTY GAOLS	Sentenced to and removed to a Penitentiary			Sentenced to and removed to an Industrial School			Sentenced to and removed to an Industrial Refuge			Sentenced to and removed to other places of Confinement			Total		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Fem'l	Total
Barrie	1	....	1	1	....	1	....	....	....	6	....	6	45	.....	45
Belleville	7	....	7	....	....	....	....	....	....	9	....	9	63	5	68
Brampton	4	....	4	....	....	....	....	....	....	16	....	16	30	.....	30
Brantford	8	....	8	....	....	....	....	2	2	11	3	14	51	5	56
Brockville	6	....	6	1	....	1	....	....	....	2	....	2	41	4	45
Cayuga	1	....	1	....	....	....	2	2	4	....	....	....	10	2	12
Chatham	10	....	10	11	....	11	....	6	6	5	1	6	52	10	62
Cobourg	5	....	5	....	....	....	....	....	....	4	1	5	43	1	44
Cornwall	8	....	8	1	....	1	....	....	....	1	....	1	49	4	53
Goderich	6	....	6	1	....	1	....	....	....	7	....	7	22	.....	22
Guelph	14	....	14	....	....	....	....	....	....	8	1	9	66	8	74
Hamilton*	70	2	72	....	....	....	....	3	3	13	2	15	343	26	369
Kingston	6	....	6	....	1	1	....	....	....	8	....	8	52	1	53
Kitchener	4	....	4	2	....	2	....	2	2	19	9	28	71	12	83
Lindsay	1	....	1	....	....	....	....	....	....	....	....	....	13	.....	13
London	25	1	26	....	....	....	....	....	....	5	....	5	112	8	120
L'Orignal	6	....	6	....	....	....	....	....	....	1	....	1	21	1	22
Milton	2	....	2	....	....	....	....	....	....	4	1	5	16	1	17
Napanee	3	....	3	....	....	....	....	....	....	5	....	5	20	.....	20
Orangeville	1	....	1	....	....	....	....	....	....	5	1	6	11	2	13
Ottawa	39	....	39	....	....	....	....	....	....	6	....	6	141	4	145
Owen Sound	5	....	5	....	....	....	....	....	....	10	1	11	29	1	30
Pembroke	4	....	4	....	....	....	....	....	....	3	....	3	24	1	25
Perth	2	1	3	1	....	1	....	....	....	3	....	3	12	1	13
Peterboro	1	....	1	....	....	....	....	....	....	2	....	2	28	.....	28
Picton	3	....	3	....	....	....	....	....	....	4	....	4	11	.....	11
St. Catharines	14	....	14	....	....	....	....	....	....	2	....	2	42	6	48
St. Thomas	4	....	4	....	....	....	....	....	....	10	....	10	20	.....	20
Sarnia	4	....	4	2	1	3	....	....	....	5	2	7	32	4	36
Simcoe	....	....	....	....	....	....	....	....	....	7	....	7	14	.....	14
Stratford	4	....	4	....	....	....	....	1	1	1	....	1	17	2	19
Toronto*	83	2	85	....	....	....	....	....	....	105	11	116	3,156	75	3,231
Walkerton	2	....	2	....	....	....	....	....	....	12	....	12	19	.....	19
Welland	12	....	12	....	....	....	....	....	....	10	2	12	56	3	59
Whitby	7	....	7	....	....	....	....	....	....	26	1	27	62	2	64
Windsor	25	....	25	10	....	10	....	....	....	29	3	32	151	5	156
Woodstock	10	....	10	....	....	....	....	....	....	13	....	13	38	1	39
DISTRICT GAOLS															
Bracebridge	2	....	2	2	....	2	....	....	....	3	1	4	27	1	28
Fort Frances	4	....	4	1	....	1	....	....	....	4	....	4	12	.....	12
Gore Bay	....	....	....	1	....	1	....	....	....	2	....	2	4	.....	4
Haileybury	15	....	15	....	....	....	....	....	....	51	9	60	164	20	184
Kenora	3	....	3	5	....	5	....	....	....	14	3	17	43	3	46
North Bay	12	....	12	....	....	....	....	1	1	21	8	29	144	13	157
Parry Sound	1	....	1	....	....	....	....	....	....	7	1	8	21	1	22
Port Arthur	9	1	10	3	....	3	....	....	....	1	....	1	93	5	98
Sault Ste. Marie	4	....	4	3	....	3	....	....	....	5	....	5	27	7	34
Sudbury	14	....	14	....	....	....	....	2	2	46	8	54	277	22	299
Totals	471	7	478	45	2	47	2	19	21	531	69	600	5,795	267	6,062

TABLE

Period of Sentences—To Gaols.

CITY and COUNTY GAOLS	Suspended Sentences			Under 30 days			30 days and under 60 days			60 days or 2 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	20	2	22	82	....	82	26	.....	26	6	...	6
Belleville	12	1	13	194	5	199	42	1	43	13	...	13
Brampton	16	.....	16	25	....	25	10	.....	10	7	...	7
Brantford	8	.....	8	130	5	135	32	3	35	6	2	8
Brockville	14	1	15	97	1	98	45	4	49	4	...	4
Cayuga	14	.....	14	58	2	60	3	.....	3	2	1	3
Chatham	91	4	95	199	3	202	30	1	31	12	2	14
Cobourg	74	4	78	60	....	60	35	1	36	21	1	22
Cornwall	21	1	22	126	3	129	43	2	45	16	...	16
Goderich	21	.....	21	19	1	20	6	.....	6	7	1	8
Guelph	11	.....	11	29	1	30	130	5	135	21	...	21
Hamilton*	127	7	134	449	17	466	236	3	239	60	4	64
Kingston	16	3	19	126	2	128	33	.....	33	5	...	5
Kitchener	48	4	52	62	1	63	128	3	131	19	...	19
Lindsay	8	2	10	46	2	48	11	.....	11	4	1	5
London	.....	.....	.....	429	23	452	97	11	108	47	5	52
L'Orignal	15	1	16	36	3	39	9	1	10	9	1	10
Milton	10	1	11	49	2	51	6	1	7	4	...	4
Napanee	5	1	6	29	2	31	6	.....	6	6	...	6
Orangeville	2	.....	2	6	....	6	4	1	5	.....	...	....
Ottawa	.....	.....	.....	1,211	19	1,230	256	2	258	19	1	20
Owen Sound	19	.....	19	65	....	65	17	.....	17	10	...	10
Pembroke	1	.....	1	87	1	88	17	.....	17	11	...	11
Perth	14	1	15	51	2	53	18	.....	18	1	...	1
Peterboro	16	3	19	173	7	180	39	3	42	13	...	13
Picton	3	.....	3	13	1	14	8	.....	8	2	...	2
St. Catharines	12	....	12	129	....	129	25	1	26	16	...	16
St. Thomas	50	2	52	112	....	112	40	.....	40	7	...	7
Sarnia	19	.....	19	77	5	82	29	5	34	15	2	17
Simcoe	42	4	46	84	....	84	12	.....	12	4	...	4
Stratford	19	.....	19	55	....	55	10	.....	10	11	...	11
Toronto*	1,309	117	1,426	2,504	104	2,608	1,901	114	2,015	294	22	316
Walkerton	16	2	18	20	....	20	32	3	35	10	...	10
Welland	30	1	31	276	3	279	77	1	78	11	...	11
Whitby	29	2	31	145	9	154	50	.....	50	10	1	11
Windsor	117	5	122	554	9	563	85	.....	85	18	...	18
Woodstock	27	3	30	84	1	85	7	.....	7	9	...	9
DISTRICT GAOLS												
Bracebridge	6	.....	6	35	2	37	8	.....	8	4	...	4
Fort Frances	35	.....	35	69	....	69	18	3	21	4	...	4
Gore Bay	6	.....	6	9	....	9	10	1	11	3	1	4
Haileybury	2	.....	2	80	3	83	373	8	381	47	8	55
Kenora	8	4	12	150	2	152	66	5	71	27	1	28
North Bay	43	1	44	238	7	245	74	1	75	41	2	43
Parry Sound	3	.....	3	41	2	43	14	.....	14	3	..	3
Port Arthur	20	1	21	507	12	519	212	15	227	71	8	79
Sault Ste. Marie	3	.....	3	80	....	80	74	5	79	19	...	19
Sudbury	43	5	48	731	10	741	129	10	139	108	17	125
Totals	2,475	183	2,608	9,831	272	10,103	4,533	214	4,747	1,057	81	1,138

* City Gaols.

No. 5

Reformatories, Penitentiaries or Elsewhere.

CITY and COUNTY GAOLS	3 months			4 months			5 months			6 months and under 9 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	19	2	21	3	.....	3	.....	.....	.....	3	.....	3
Belleville	21	.....	21	.....	.....	.....	3	.....	3	3	1	4
Brampton	5	.....	5	1	.....	1	.....	.....	.....	5	.....	5
Brantford	29	2	31	1	.....	1	2	.....	2	4	.....	4
Brockville	17	.....	17	6	.....	6	2	.....	2	7	.....	7
Cayuga	3	.....	3	.....	.....	.....	.....	.....	.....	1	.....	1
Chatham	32	.....	32	2	.....	2	1	.....	1	.....	.....	.....
Cobourg	11	.....	11	1	.....	1	.....	.....	.....	9	.....	9
Cornwall	27	1	28	4	.....	4	.....	.....	.....	11	3	14
Goderich	4	.....	4	3	.....	3	.....	.....	.....	3	.....	3
Guelph	35	1	36	1	.....	1	.....	.....	.....	6	2	8
Hamilton*	119	6	125	12	3	15	2	.....	2	25	1	26
Kingston	27	.....	27	1	.....	1	.....	.....	.....	2	.....	2
Kitchener	11	2	13	2	.....	2	.....	.....	.....	16	1	17
Lindsay	8	.....	8	1	.....	1	.....	.....	.....	4	.....	4
London	48	5	53	.....	1	1	.....	1	1	27	2	29
L'Orignal	10	1	11	.....	.....	.....	1	.....	1	5	.....	5
Milton	3	1	4	1	.....	1	.....	.....	.....	.....	.....	.....
Napanee	5	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orangeville	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ottawa	47	.....	47	18	1	19	9	1	10	14	.....	14
Owen Sound	13	.....	13	1	.....	1	.....	.....	.....	.....	.....	.....
Pembroke	13	1	14	.....	.....	.....	.....	.....	.....	2	.....	2
Perth	5	.....	5	4	.....	4	.....	.....	.....	.....	.....	.....
Peterboro	11	.....	11	2	.....	2	.....	.....	.....	2	.....	2
Picton	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Catharines	31	1	32	7	1	8	.....	.....	.....	7	1	8
St. Thomas	4	.....	4	1	.....	1	1	.....	1	6	.....	6
Sarnia	25	1	26	1	.....	1	.....	.....	.....	2	.....	2
Simcoe	1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....
Stratford	5	.....	5	3	.....	3	.....	.....	.....	1	1	2
Toronto*	362	18	380	77	.....	77	14	.....	14	158	.....	158
Walkerton	18	.....	18	1	.....	1	.....	.....	.....	1	.....	1
Welland	24	1	25	5	.....	5	.....	.....	.....	7	1	8
Whitby	15	1	16	2	.....	2	.....	.....	.....	2	.....	2
Windsor	57	2	59	.....	.....	.....	1	.....	1	4	.....	4
Woodstock	12	.....	12	1	.....	1	1	.....	1	1	.....	1
DISTRICT GAOLS												
Bracebridge	4	.....	4	.....	.....	.....	2	.....	2	2	.....	2
Fort Frances	4	1	5	.....	.....	.....	.....	.....	.....	2	.....	2
Gore Bay	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1
Haileybury	102	4	106	4	.....	4	.....	1	1	21	1	22
Kenora	30	2	32	2	.....	2	3	.....	3	12	.....	12
North Bay	60	1	61	9	2	11	14	.....	14	26	2	28
Parry Sound	10	.....	10	3	.....	3	1	.....	1	2	.....	2
Port Arthur	133	10	143	6	1	7	32	2	34	5	.....	5
Sault Ste. Marie	31	.....	31	2	.....	2	8	1	9	3	.....	3
Sudbury	72	2	74	47	5	52	7	.....	7	31	2	33
Totals	1,530	66	1,596	236	14	250	104	6	110	443	18	461

TABLE

Period of Sentences—To Gaols,

CITY and COUNTY GAOLS	9 months and under 12 months			12 months and under 24 months			Indeterminate with definite or other sentences			2 years and over to Penitentiary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	.....	.....	.....	5	.....	5	26	.....	26	1	.....	1
Belleville	1	.....	1	3	.....	3	39	4	43	.....	.....	.....
Brampton	.....	.....	.....	6	.....	6	8	.....	8	4	.....	4
Brantford	.....	.....	.....	5	.....	5	30	3	33	7	.....	7
Brockville	1	1	2	15	.....	15	12	3	15	6	.....	6
Cayuga	.....	.....	.....	.....	.....	.....	9	2	11	1	.....	1
Chatham	.....	.....	.....	2	1	3	36	8	44	10	.....	10
Cobourg	.....	.....	.....	11	.....	11	26	6	32	5	.....	5
Cornwall	1	.....	1	16	.....	16	11	.....	11	10	.....	10
Goderich	.....	.....	.....	2	.....	2	6	.....	6	6	.....	6
Guelph	.....	.....	.....	5	1	6	31	4	35	14	.....	14
Hamilton*	.....	.....	.....	6	.....	6	198	11	209	66	1	67
Kingston	.....	.....	.....	4	1	5	16	.....	16	6	.....	6
Kitchener	2	.....	2	22	1	23	26	10	36	4	.....	4
Lindsay	.....	.....	.....	3	.....	3	5	.....	5	1	.....	1
London	3	.....	3	4	.....	4	58	3	61	25	1	26
L'Orignal	.....	.....	.....	1	.....	1	12	1	13	.....	.....	.....
Milton	.....	.....	.....	.....	.....	.....	16	1	17	.....	.....	.....
Napanee	.....	.....	.....	1	.....	1	12	.....	12	3	.....	3
Orangeville	.....	.....	.....	.....	.....	.....	11	2	13	1	.....	1
Ottawa	2	.....	2	3	4	7	114	.....	114	.....	.....	.....
Owen Sound	.....	.....	.....	.....	.....	.....	31	1	32	5	.....	5
Pembroke	.....	.....	.....	.....	.....	.....	16	1	17	.....	.....	.....
Perth	.....	.....	.....	.....	.....	.....	11	.....	11	2	1	3
Peterboro	1	.....	1	2	.....	2	18	.....	18	1	.....	1
Picton	.....	.....	.....	5	.....	5	3	.....	3	.....	.....	.....
St. Catharines	2	1	3	21	3	24	1	.....	1	.....	.....	.....
St. Thomas	.....	.....	.....	5	.....	5	6	.....	6	4	.....	4
Sarnia	.....	.....	.....	.....	.....	.....	23	2	25	4	.....	4
Simcoe	.....	.....	.....	.....	.....	.....	7	.....	7	.....	.....	.....
Stratford	.....	.....	.....	2	.....	2	9	1	10	4	.....	4
Toronto*	9	1	10	168	1	169	311	11	322	83	2	85
Walkerton	.....	.....	.....	.....	.....	.....	10	1	11	6	.....	6
Welland	.....	.....	.....	10	.....	10	25	2	27	12	.....	12
Whitby	2	.....	2	2	.....	2	24	.....	24	7	.....	7
Windsor	.....	.....	.....	10	.....	10	115	4	119	24	.....	24
Woodstock	.....	.....	.....	2	.....	2	19	1	20	10	.....	10
DISTRICT GAOLS												
Bracebridge	.....	.....	.....	4	.....	4	14	1	15	2	.....	2
Fort Frances	1	.....	1	3	.....	3	4	.....	4	5	.....	5
Gore Bay	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....
Haileybury	3	.....	3	29	3	32	46	11	57	15	.....	15
Kenora	1	.....	1	2	.....	2	18	.....	18	3	.....	3
North Bay	9	1	10	25	.....	25	29	9	38	12	.....	12
Parry Sound	2	.....	2	5	.....	5	3	.....	3	1	.....	1
Port Arthur	13	.....	13	11	.....	11	56	11	67	9	.....	9
Sault Ste. Marie	1	.....	1	1	.....	1	15	5	20	4	.....	4
Sudbury	.....	.....	.....	8	.....	8	46	11	57	14	.....	14
Totals	54	4	58	429	15	444	1,564	130	1,694	397	5	402

* City Gaols.

No. 5 (Concluded)

Reformatories, Penitentiaries or Elsewhere.

CITY and COUNTY GAOLS	Sentenced to death and executed			Sentenced to death but commuted			Corporal punishment with imprisonment			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie										191	4	195
Belleville										331	12	343
Brampton										87		87
Brantford										254	15	269
Brockville										226	10	236
Cayuga							1		1	92	5	97
Chatham							8		8	423	19	442
Cobourg										253	12	265
Cornwall										286	10	296
Goderich										77	2	79
Guelph										283	14	297
Hamilton*							7		7	1,307	53	1,360
Kingston	1		1							237	6	243
Kitchener										340	22	362
Lindsay							2		2	93	5	98
London										738	52	790
L'Orignal										98	8	106
Milton										89	6	95
Napanee										67	3	70
Orangeville										26	3	29
Ottawa										1,693	28	1,721
Owen Sound										161	1	162
Pembroke	1		1							148	3	151
Perth										106	4	110
Peterboro										278	13	291
Picton										38	1	39
St. Catharines	1		1							252	8	260
St. Thomas										236	2	238
Sarnia										195	15	210
Simcoe										151	4	155
Stratford										119	2	121
Toronto*										7,190	390	7,580
Walkerton										114	6	120
Welland							8		8	485	9	494
Whitby										288	13	301
Windsor							7		7	992	20	1,012
Woodstock										173	5	178
DISTRICT GAOLS												
Bracebridge										81	3	84
Fort Frances										145	4	149
Gore Bay										32	2	34
Haileybury	1		1							723	39	762
Kenora										322	14	336
North Bay										580	26	606
Parry Sound										88	2	90
Port Arthur										1,075	60	1,135
Sault Ste. Marie										241	11	252
Sudbury	1		1							1,237	62	1,299
Totals	5		5				33		33	22,641	1,008	23,649

TABLE No. 6.

Cell Accomodation: Greatest, Least and Average Number of Prisoners for the Year Ending March 31st, 1938.

CITY and COUNTY GAOLS	Cell accomodation	Greatest No. of prisoners in year	Least No. of prisoners in year	Average daily gaol population.	Number committed during year	Paid for by province	Paid for by municipality	Days stay government prisoners	Days stay municipality prisoners	Total number of days stay of all prisoners
Barrie	29	23	7	15.6	283	95	188	3,678	2,004	5,682
Belleville	24	43	14	26.1	504	94	410	3,726	5,784	9,510
Brampton	24	20	1	6.3	138	42	96	1,288	1,007	2,295
Brantford	32	35	9	19.8	396	75	321	2,552	4,665	7,217
Brockville	32	31	6	15.6	263	103	160	2,086	3,621	5,707
Cayuga	12	16	1	6.2	111	28	83	943	1,328	2,271
Chatham	41	44	18	30.6	572	163	409	4,092	7,064	11,156
Cobourg	28	29	7	17.9	329	97	232	3,054	3,471	6,525
Cornwall	22	38	11	23.4	347	95	252	3,429	5,129	8,558
Goderich	12	14	2	7.0	125	71	54	1,906	638	2,544
Guelph	36	43	9	26.6	411	28	383	2,101	7,612	9,713
Hamilton*	97	133	61	93.8	1,702	568	1,134	11,025	23,195	34,220
Kingston	50	27	8	16.6	298	117	181	2,249	3,804	6,053
Kitchener	47	39	14	26.6	468	104	364	3,226	6,501	9,727
Lindsay	36	17	2	7.3	114	41	73	1,660	998	2,658
London	84	96	39	61.5	1,259	216	1,043	5,978	16,477	22,455
L'Orignal	6	18	2	9.6	124	83	41	2,731	762	3,493
Milton	23	17	2	7.0	120	29	91	1,204	1,336	2,540
Napanee	24	15	2	5.7	90	33	57	1,338	734	2,072
Orangeville	23	11	1	3.8	112	31	81	594	782	1,376
Ottawa	116	132	58	99.4	2,396	501	1,895	16,911	19,377	36,288
Owen Sound	36	25	6	13.1	181	81	100	2,602	2,195	4,797
Pembroke	32	21	5	12.0	181	76	105	3,031	1,338	4,369
Perth	24	14	2	8.0	129	35	94	1,258	1,670	2,928
Peterboro	24	30	6	16.8	350	49	301	1,357	4,763	6,120
Picton	18	13	1	3.2	63	30	33	841	326	1,167
St. Catharines	43	34	14	22.6	299	59	240	2,098	6,164	8,262
St. Thomas	17	23	5	13.4	275	43	232	1,158	3,715	4,873
Sarnia	37	25	6	16.2	262	68	194	1,880	4,044	5,924
Simcoe	24	15	......	4.7	229	24	205	336	1,367	1,703
Stratford	27	20	4	11.7	194	54	140	2,257	2,003	4,260
Toronto*	276	272	122	230.4	9,838	1,963	7,875	20,521	63,569	84,090
Walkerton	32	26	4	12.4	155	45	110	1,448	3,060	4,508
Welland	53	55	14	29.0	612	128	484	3,229	7,358	10,587
Whitby	23	49	6	18.4	415	125	290	2,652	4,060	6,712
Windsor	111	93	40	60.6	1,225	225	1,000	7,588	14,517	22,105
Woodstock	32	23	4	10.6	234	66	168	1,761	2,096	3,857
DISTRICT GAOLS										
Bracebridge	10	13	......	3.8	86	86	......	1,396	....	1,396
Fort Frances	10	15	1	7.4	198	198	......	2,713	....	2,713
Gore Bay	11	9	......	2.1	38	38	......	754	....	754
Haileybury	32	110	41	68.6	806	806	......	25,034	....	25,034
Kenora	28	46	15	27.8	390	334	56	9,785	371	10,156
North Bay	59	55	20	35.5	681	681	......	12,959	....	12,959
Parry Sound	22	14	2	6.1	115	115	......	2,233	....	2,233
Port Arthur	73	124	54	85.8	1,217	209	1,008	7,812	23,496	31,308
Sault Ste. Marie	33	44	15	27.0	314	314	......	9,837	....	9,837
Sudbury	69	130	45	80.4	1,696	1,696	......	29,340	....	29,340
Totals					30,345	10,162	20,183	231,651	262,401	494,052

* City Gaols.

TABLE No. 7.

Maintenance and Average Cost of Each Prisoner and Total Costs for the Year Ending March 31st, 1938.

CITY and COUNTY GAOLS	Cost of fuel, food and clothing	Total of officers salaries	Cost of repairs	Total gaol expenditure for maintenance for the year	Average Cost of each prisoner per day	Average cost per day for fuel food and clothing	Daily per capita dietary cost
Barrie	$ 2,319.43	$ 3,516.14	$ 260.08	$ 6,095.65	$ 1.07	$ .4082	$.1650
Belleville	2,557.39	3,420.00	95.00	6,072.39	.64	.2689	.1338
Brampton	1,277.89	2,069.75	161.39	3,509.03	1.53	.5568	.1896
Brantford	2,879.74	6,820.50	300.00	10,000.24	1.39	.3990	.1496
Brockville	1,805.34	2,672.86	535.82	5,014.02	.88	.3163	.1601
Cayuga	698.81	2,240.00	....	2,938.81	1.29	.3077	.1538
Chatham	2,947.20	5,251.67	872.48	9,071.35	.81	.2642	.1278
Cobourg	2,677.90	2,612.75	358.98	5,649.63	.87	.4104	.1352
Cornwall	3,183.01	5,112.06	1,257.65	9,552.72	1.08	.3719	.1378
Goderich	1,524.71	2,270.00	123.35	3,918.06	1.54	.5993	.1291
Guelph	3,202.75	4,282.50	200.31	7,685.56	.79	.3297	.1431
Hamilton*	8,221.00	19,122.00	894.00	28,237.00	.82	.2402	.1783
Kingston	1,724.71	4,348.06	382.43	6,455.20	1.07	.2849	.1383
Kitchener	3,392.59	4,836.50	37.74	8,266.83	.85	.3488	.1451
Lindsay	1,722.86	3,072.50	169.35	4,964.71	1.87	.6482	.1346
London	6,455.18	13,706.46	86.90	20,248.54	.90	.2874	.1450
L'Orignal	1,355.78	2,357.00	540.82	4,253.60	1.22	.3881	.1600
Milton	888.13	2,091.86	56.83	3,036.82	1.20	.3497	.1571
Napanee	795.85	1,620.00	35.00	2,450.85	1.18	.3841	.1403
Orangeville	1,263.93	3,527.50	156.35	4,947.78	3.50	.9185	.1579
Ottawa	17,638.31	15,460.17	3,311.63	36,410.11	1.00	.4860	.1595
Owen Sound	1,845.74	3,248.50	100.00	5,194.24	1.08	.3848	.1269
Pembroke	1,505.00	3,447.00	....	4,952.00	1.13	.3445	.1573
Perth	2,512.24	2,905.01	231.01	5,648.26	1.93	.8580	.1674
Peterboro	1,918.02	2,927.67	150.32	4,996.01	.82	.3134	.1427
Picton	369.18	1,559.61	355.91	2,284.70	1.96	.3163	.1884
St. Catharines	3,216.70	4,452.74	138.37	7,807.81	.95	.3893	.1486
St. Thomas	2,243.40	4,305.97	213.67	6,763.04	1.38	.4604	.1647
Sarnia	2,453.43	4,615.50	916.72	7,985.65	1.35	.4142	.1647
Simcoe	912.70	2,652.50	300.00	3,865.20	2.27	.5359	.1727
Stratford	2,090.58	2,869.00	379.11	5,338.69	1.25	.4907	.1282
Toronto*	23,399.30	58,906.73	4,210.79	86,516.82	1.03	.2782	.1309
Walkerton	1,321.91	2,507.80	22.00	3,851.71	.85	.2932	.1489
Welland	3,483.16	5,914.00	169.81	9,566.97	.90	.3290	.1752
Whitby	3,281.51	3,805.09	251.32	7,337.92	1.09	.4889	.1465
Windsor	7,928.85	14,426.50	228.60	22,583.95	1.02	.3586	.1332
Woodstock	2,791.98	2,684.60	....	5,476.58	1.42	.7239	.1145
DISTRICT GAOLS							
Bracebridge	343.80	1,776.00	24.57	2,144.37	1.54	.2463	.1350
Fort Frances	1,003.83	3,917.50	52.00	4,973.33	1.83	.3713	.1607
Gore Bay	665.52	1,860.00	740.85	3,266.37	4.33	.8827	.1600
Haileybury	4,258.39	11,772.50	131.00	16,161.89	.65	.1701	.1524
Kenora	4,949.17	7,944.09	499.92	13,393.18	1.32	.4873	.1567
North Bay	4,833.61	9,650.08	376.86	14,860.55	1.15	.3730	.1471
Parry Sound	812.12	4,175.00	25.00	5,012.12	2.24	.3637	.1729
Port Arthur	13,179.68	14,608.00	....	27,787.68	.89	.4210	.1810
Sault Ste. Marie	4,737.50	6,439.09	....	11,176.59	1.14	.4816	.1413
Sudbury	9,721.71	12,616.76	150.00	22,488.47	.77	.3313	.1691
Totals	$174,311.54	$ 306,397.52	$ 19,503.94	$ 500,213.00	1.01	.3528	.1508

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Remaining in custody on remand Mar. 31st, 1937			Remaining in custody awaiting trial Mar. 31st, 1937			Remaining in custody serving unexpired sentences or for other reasons Mar. 31st, 1937			Committed during the year ending March 31st, 1938		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	1		1	1		1	15		15	272	11	283
Belleville	4	1	5				18	1	19	488	16	504
Brampton							6		6	136	2	138
Brantford	5		5				10	1	11	374	22	396
Brockville	3		3				17		17	253	10	263
Cayuga							9		9	106	5	111
Chatham	4	2	6				26		26	538	34	572
Cobourg							15		15	312	17	329
Cornwall	3		3				17	1	18	334	13	347
Goderich	2		2				2		2	121	4	125
Guelph	1		1	4		4	37		37	389	22	411
Hamilton*	14	2	16	4		4	69	1	70	1,628	74	1,702
Kingston	1		1				14	1	15	289	9	298
Kitchener	3		3				21		21	436	32	468
Lindsay							5	1	6	107	7	114
London	8		8				48	2	50	1,172	87	1,259
L'Orignal							2		2	112	12	124
Milton	2		2				7		7	113	7	120
Napanee	4		4				4		4	87	3	90
Orangeville							1		1	89	23	112
Ottawa	5	3	8	1		1	72		72	2,314	82	2,396
Owen Sound	1		1	1		1	6		6	180	1	181
Pembroke	1		1	1		1	12		12	177	4	181
Perth				5		5	5		5	125	4	129
Peterboro							15		15	335	15	350
Picton	2		2							60	3	63
St. Catharines	1		1				12		12	289	10	299
St. Thomas	2		2				7		7	273	2	275
Sarnia	2	1	3	1		1	15		15	246	16	262
Simcoe				3		3				220	9	229
Stratford	1		1				8		8	190	4	194
Toronto*	49	1	50	5		5	107	9	116	9,241	597	9,838
Walkerton	2		2				9		9	147	8	155
Welland	9		9	3		3	26		26	596	16	612
Whitby	5		5				15		15	392	23	415
Windsor	14		14	1		1	32	1	33	1,187	38	1,225
Woodstock	3		3				7		7	226	8	234
DISTRICT GAOLS												
Bracebridge							1		1	83	3	86
Fort Frances				2		2	7		7	189	9	198
Gore Bay							2		2	36	2	38
Haileybury				3		3	60	3	63	764	42	806
Kenora							13		13	369	21	390
North Bay	1		1				23		23	650	31	681
Parry Sound				1		1	2		2	112	3	115
Port Arthur				1	1	2	63	3	66	1,143	74	1,217
Sault Ste. Marie	3		3				22		22	297	17	314
Sudbury	4	1	5				85	1	86	1,570	126	1,696
Totals	160	11	171	37	1	38	969	25	994	28,767	1,578	30,345

* City Gaols.

No. 8.

GAOL POPULATION.

CITY and COUNTY GAOLS	Total number in custody during year			Discharged on bail			Acquitted and discharged			Discharged by order of judge of court without trial		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	289	11	300	38	3	41	35	4	39	1	....	1
Belleville	510	18	528	35	...	35	97	6	103	11	....	11
Brampton	142	2	144	5	...	5	20	1	21	4	....	4
Brantford	389	23	412	20	1	21	87	4	91	.....	....	.....
Brockville	273	10	283	11	...	11	14	....	14	.....	....	.....
Cayuga	115	5	120	15	...	15	14	....	14	.....	....	.....
Chatham	568	36	604	31	3	34	28	3	31	.....	....	.....
Cobourg	327	17	344	35	3	38	16	1	17	.....	3	3
Cornwall	354	14	368	14	...	14	6	....	6	.....	....	.....
Goderich	125	4	129	39	2	41	......	....	......	1	....	1
Guelph	431	22	453	52	7	59	46	1	47	1	....	1
Hamilton*	1,715	77	1,792	49	3	52	253	16	269	30	....	30
Kingston	304	10	314	2	...	2	22	2	24	.....	....	.....
Kitchener	460	32	492	4	...	4	81	9	90	10	....	10
Lindsay	112	8	120	8	1	9	1	....	1	.....	....	.....
London	1,228	89	1,317	45	3	48	324	30	354	2	....	2
L'Orignal	114	12	126	5	2	7	8	....	8	2	2	4
Milton	122	7	129	3	...	3	16	1	17	.....	....	.....
Napanee	95	3	98	12	...	12	5	....	5	.....	....	.....
Orangeville	90	23	113	7	...	7	1	....	1	2	1	3
Ottawa	2,392	85	2,477	109	...	109	348	57	405	.....	....	.....
Owen Sound	188	1	189	9	...	9	8	....	8	.....	....	.....
Pembroke	191	4	195	3	...	3	2	....	2	.....	....	.....
Perth	135	4	139	.....	...	.....	3	....	3	1	1	2
Peterboro	350	15	365	4	1	5	51	1	52	3	....	3
Picton	62	3	65	5	...	5	......	....	......	10	2	12
St. Catharines	302	10	312	.....	...	.....	26	2	28	1	....	1
St. Thomas	282	2	284	18	...	18	13	....	13	7	....	7
Sarnia	264	17	281	21	1	22	26	1	27	5	....	5
Simcoe	223	9	232	56	2	58	......	....	......	.....	....	.....
Stratford	199	4	203	18	1	19	......	....	......	.....	....	.....
Toronto*	9,402	607	10,009	1,601	136	1,737	......	....	......	659	76	735
Walkerton	158	8	166	22	1	23	3	1	4	1	....	1
Welland	634	16	650	55	4	59	33	3	36	2	....	2
Whitby	412	23	435	41	6	47	38	2	40	.....	1	1
Windsor	1,234	39	1,273	96	7	103	63	9	72	8	....	8
Woodstock	236	8	244	42	3	45	5	....	5	.....	....	.....
DISTRICT GAOLS												
Bracebridge	84	3	87	.....	...	.....	2	....	2	.....	....	.....
Fort Frances	198	9	207	28	1	29	14	2	16	.....	....	.....
Gore Bay	38	2	40	1	1	2	2	....	2	.....	....	.....
Haileybury	827	45	872	.....	...	.....	34	3	37	8	....	8
Kenora	382	21	403	10	...	10	35	6	41	4	....	4
North Bay	674	31	705	24	...	24	31	5	36	12	....	12
Parry Sound	115	3	118	7	...	7	10	....	10	.....	....	.....
Port Arthur	1,207	78	1,285	5	...	5	34	10	44	.....	....	.....
Sault Ste. Marie	322	17	339	1	...	1	......	....	......	68	6	74
Sudbury	1,659	128	1,787	118	28	146	1	....	1	74	14	88
Totals	29,933	1,615	31,548	2,724	220	2,944	1,856	180	2,036	927	106	1,033

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Paid option of fine and were discharged			Discharged on suspended sentences			Discharged for any other reason		
	M.	F.	T.	M.	F.	T	M.	F.	T.
Barrie	20	1	21	20	2	22	6	1	7
Belleville	19	......	19	12	1	13	......	......	......
Brampton	12	......	12	16	......	16	5	1	6
Brantford	6	......	6	12	1	13	5	......	5
Brockville	21	1	22	14	1	15	6	......	6
Cayuga	14	......	14	14	......	14	......	......	......
Chatham	19	2	21	91	4	95	21	3	24
Cobourg	16	......	16	81	4	85	1	......	1
Cornwall	17	2	19	16	......	16	17	3	20
Goderich	4	......	4	19	......	19	......	......	......
Guelph	41	3	44	11	......	11	8	......	8
Hamilton*	104	8	112	129	7	136	......	......	......
Kingston	13	......	13	16	3	19	10	......	10
Kitchener	38	4	42	48	4	52	5	......	5
Lindsay	9	1	10	8	2	10	6	1	7
London	49	6	55	......	......	......	71	3	74
L'Orignal	6	......	6	5	1	6	6	2	8
Milton	15	......	15	6	1	7	......	......	......
Napanee	10	......	10	5	1	6	......	......	......
Orangeville	10	......	10	2	......	2	44	19	63
Ottawa	30	......	30	146	......	146	7	1	8
Owen Sound	8	......	8	19	......	19	2	......	2
Pembroke	4	......	4	1	......	1	21	1	22
Perth	9	......	9	11	......	11	16	......	16
Peterboro	10	1	11	16	3	19	2	......	2
Picton	4	......	4	3	......	3	1	......	1
St. Catharines	11	......	11	12	......	12	5	......	5
St. Thomas	10	......	10	38	1	39	14	1	15
Sarnia	24	3	27	16	......	16	......	......	......
Simcoe	47	......	47	35	4	39	18	3	21
Stratford	11	......	11	19	......	19	52	1	53
Toronto*	291	32	323	1,309	117	1,426	74	......	74
Walkerton	5	......	5	16	2	18	......	......	......
Welland	31	1	32	38	1	39	7	1	8
Whitby	25	4	29	26	2	28	4	2	6
Windsor	58	......	58	112	5	117	49	3	52
Woodstock	18	......	18	27	3	30	4	......	4
DISTRICT GAOLS									
Bracebridge	8	1	9	6	......	6	......	......	......
Fort Frances	52	......	52	35	......	35	2	1	3
Gore Bay	2	......	2	6	......	6	......	......	......
Haileybury	16	2	18	2	......	2	7	......	7
Kenora	13	1	14	6	3	9	2	1	3
North Bay	16	2	18	43	1	44	11	1	12
Parry Sound	19	1	20	3	......	3	......	......	......
Port Arthur	113	15	128	20	1	21	42	13	55
Sault Ste. Marie	19	1	20	2	......	2	......	......	......
Sudbury	144	18	162	43	5	48	62	19	81
Totals	1,441	110	1,551	2,535	180	2,715	613	81	694

* City gaols.

No. 8 (continued)

GAOL POPULATION.

CITY and COUNTY GAOLS	Discharged on expiration of sentence			Transferred to Provincial Penal Institutions			Sentenced and deported direct from gaol		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	105	....	105	45	....	45	.....	.....	.....
Belleville	248	5	253	63	5	68	.....	.....	.....
Brampton	45	....	45	30	....	30	.....	.....	.....
Brantford	187	10	197	51	5	56	.....	.....	.....
Brockville	156	1	157	41	4	45	.....	.....	.....
Cayuga	44	2	46	10	2	12	.....	.....	.....
Chatham	297	11	308	52	10	62	.....	.....	.....
Cobourg	108	5	113	43	1	44	.....	.....	.....
Cornwall	199	5	204	49	4	53	.....	.....	.....
Goderich	33	2	35	22	....	22	.....	.....	.....
Guelph	182	1	183	66	8	74	.....	.....	.....
Hamilton*	706	14	720	343	26	369	1	1	2
Kingston	165	3	168	52	1	53	2	.....	2
Kitchener	178	2	180	71	12	83	.....	.....	.....
Lindsay	62	3	65	13	....	13	.....	.....	.....
London	574	37	611	112	8	120	.....	.....	.....
L'Orignal	51	3	54	21	1	22	1	.....	1
Milton	64	4	68	16	1	17	.....	.....	.....
Napanee	37	2	39	20	....	20	.....	.....	.....
Orangeville	12	1	13	11	2	13	.....	.....	.....
Ottawa	1,518	23	1,541	141	4	145	4	.....	4
Owen Sound	100	....	100	29	1	30	.....	.....	.....
Pembroke	120	2	122	24	1	25	.....	.....	.....
Perth	76	2	78	12	1	13	.....	.....	.....
Peterboro	216	9	225	28	....	28	.....	.....	.....
Picton	25	1	26	11	....	11	.....	.....	.....
St. Catharines	190	2	192	42	6	48	.....	.....	.....
St. Thomas	144	....	144	20	....	20	1	.....	1
Sarnia	123	8	131	32	4	36	.....	.....	.....
Simcoe	45	....	45	14	....	14	.....	.....	.....
Stratford	69	....	69	17	2	19	.....	.....	.....
Toronto*	2,084	151	2,235	3,156	75	3,231	16	1	17
Walkerton	78	2	80	19	....	19	.....	.....	.....
Welland	359	3	362	56	3	59	3	.....	3
Whitby	188	4	192	62	2	64	.....	.....	.....
Windsor	639	9	648	151	5	156	5	.....	5
Woodstock	94	1	95	38	1	39	.....	.....	.....
DISTRICT GAOLS									
Bracebridge	39	1	40	27	1	28	.....	.....	.....
Fort Frances	46	4	50	12	....	12	.....	.....	.....
Gore Bay	20	1	21	4	....	4	.....	.....	.....
Haileybury	518	17	535	164	20	184	.....	.....	.....
Kenora	232	6	238	43	3	46	.....	.....	.....
North Bay	356	8	364	144	13	157	.....	.....	.....
Parry Sound	48	1	49	21	1	22	.....	.....	.....
Port Arthur	781	30	811	93	5	98	.....	1	1
Sault Ste. Marie	170	3	173	27	7	34	.....	.....	.....
Sudbury	829	21	850	277	22	299	.....	.....	.....
Totals	12,560	420	12,980	5,795	267	6,062	33	3	36

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Died before trial			Died while undergoing sentence			Escaped and not recaptured during year			Number remaining in custody on remand March 31st, 1938		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie										7		7
Belleville				1		1				6		6
Brampton	1		1							1		1
Brantford										4	1	5
Brockville										2		2
Cayuga												
Chatham										4		4
Cobourg												
Cornwall										7		7
Goderich										1		1
Guelph										1		1
Hamilton*	1		1							22	1	23
Kingston				1		1					1	1
Kitchener				2		2				4	1	5
Lindsay												
London				1		1				4		4
L'Orignal											1	1
Milton												
Napanee	1		1							1		1
Orangeville												
Ottawa							1		1	18		18
Owen Sound												
Pembroke										2		2
Perth												
Peterboro										1		1
Picton										1		1
St. Catharines												
St. Thomas										3		3
Sarnia				1		1						
Simcoe										2		2
Stratford										1		1
Toronto*	1		1							49	5	54
Walkerton							1		1	2	1	3
Welland				1		1				12		12
Whitby										7		7
Windsor										14	1	15
Woodstock							1		1			
DISTRICT GAOLS												
Bracebridge												
Fort Frances												
Gore Bay												
Haileybury				1		1						
Kenora										2	1	3
North Bay				1		1				3		3
Parry Sound												
Port Arthur										5		5
Sault Ste. Marie				1		1				5		5
Sudbury	1		1	1		1				5		5
Totals	5		5	11		11	3		3	196	13	209

* City Gaols.

No. 8 (Concluded).

GAOL POPULATION

CITY and COUNTY GAOLS	Number remaining in custody awaiting trial March 31, 1938			Number remaining in custody serving unexpired sentences March 31, 1938			Total in custody during year		
	M.	F.	T.	M.	F.	T.	Male	Female	Total
Barrie				12		12	289	11	300
Belleville				18	1	19	510	18	528
Brampton	1		1	2		2	142	2	144
Brantford				17	1	18	389	23	412
Brockville				8	3	11	273	10	283
Cayuga				4	1	5	115	5	120
Chatham	1		1	24		24	568	36	604
Cobourg				27		27	327	17	344
Cornwall	1		1	28		28	354	14	368
Goderich				6		6	125	4	129
Guelph				23	2	25	431	22	453
Hamilton*				77	1	78	1,715	77	1,792
Kingston	2		2	19		19	304	10	314
Kitchener				19		19	460	32	492
Lindsay				5		5	112	8	120
London	3		3	43	2	45	1,228	89	1,317
L'Orignal	1		1	8		8	114	12	126
Milton				2		2	122	7	129
Napanee				4		4	95	3	98
Orangeville	1		1				90	23	113
Ottawa				70		70	2,392	85	2,477
Owen Sound	1		1	12		12	188	1	189
Pembroke				14		14	191	4	195
Perth	3		3	4		4	135	4	139
Peterboro				19		19	350	15	365
Picton				2		2	62	3	65
St. Catharines				15		15	302	10	312
St. Thomas				14		14	282	2	284
Sarnia	1		1	15		15	264	17	281
Simcoe				6		6	223	9	232
Stratford				12		12	199	4	203
Toronto*	8	1	9	154	13	167	9,402	607	10,009
Walkerton	4		4	7	1	8	158	8	166
Welland	1		1	36		36	634	16	650
Whitby	1		1	20		20	412	23	435
Windsor				39		39	1,234	39	1,273
Woodstock				7		7	236	8	244
DISTRICT GAOLS									
Bracebridge				2		2	84	3	87
Fort Frances	4	1	5	5		5	198	9	207
Gore Bay	1		1	2		2	38	2	40
Haileybury	3		3	74	3	77	827	45	872
Kenora				35		35	382	21	403
North Bay				33	1	34	674	31	705
Parry Sound	2		2	5		5	115	3	118
Port Arthur	2		2	112	3	115	1,207	78	1,285
Sault Ste. Marie	2		2	27		27	322	17	339
Sudbury	1		1	103	1	104	1,659	128	1,787
Totals	44	2	46	1,190	33	1,223	29,933	1,615	31,548

REPORT

OF THE

Minister of Public Welfare

Province of Ontario

FOR THE FISCAL YEAR

1937 - 1938

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 19, 1939

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty.
1939

TO:

THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario, in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Seventh Annual Report of the Department of Public Welfare, covering the period commencing April 1st, 1937, and ending March 31st, 1938.

Respectfully submitted,

ERIC CROSS,
Minister.

TORONTO,
April 18th, 1939

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Report Of

THE MINISTER OF PUBLIC WELFARE

1937 - 1938

This, the seventh Annual Report of the Department of Public Welfare, covers the period commencing April 1st, 1937, and ending March 31st, 1938.

During the year important progress was made within the Department, particularly with respect to internal organization. In addition, a new system of administering Old Age Pensions and Mothers' Allowances was inaugurated with the reorganization of the existing Mothers' Allowances Local Boards and the establishment of Joint Local Boards throughout the Province for the purpose of assisting in the preparation of applications and in the general administration of the Acts within their districts. The five large cities and the County of York continue with independent boards. In most cases the members of these Boards serve without remuneration, and their efforts and assistance are deeply appreciated by those of us who are charged with the task of relieving distress wherever it is possible to do so within the framework of these Acts.

Another important administrative change was the enlarging of the system of investigators whose work brings them in direct contact with Old Age and Blind Pensioners and Mothers' Allowances beneficiaries. For this purpose the Province was divided into districts with one or more investigators for each district. It is the practice to visit each pensioner at least annually, to determine whether he or she continues to be eligible for assistance, and also to render such advice or aid as may appear to be warranted. However, many pension and allowance recipients require more frequent supervision and this is extended.

For the first time in the history of the Province, the granting of pensions for the blind came into effect in 1937. This further added to the responsibilities of the Department in the matter of administration. In the first seven-month period during which Blind Pensions were granted, 683 persons received this form of assistance, although this figure can be expected to increase materially as time goes on.

In the field of Old Age Pensions a decided increase over last year is noted. At March 31st, 1938, 57,530 persons were receiving Old Age Pensions, 1,580 more than a year ago. It is not expected that we will reach the peak load of pensioners for some years to come, and in the meantime, the Department is bending all efforts toward the most efficient administration of the Act which is possible.

More than 13,000 families received assistance during the year by means of Mothers' Allowances, representing a net increase over the preceding twelvemonth of 4.21 percent. Few fields of social endeavour produce such tangible rewards as does the keeping together of homes through this form of assistance.

Children's Aid Societies, although primarily private organizations, operate under supervision of the Department. An increasingly greater share of the Societies' efforts is being devoted to preventive work and it is highly significant that during the period under review it was found necessary to commit only 1,199 children as wards, under which circumstances they become direct charges upon the public purse. On March 31st, 1938, the Societies had 10,745 children under its direct care, although the greater number of these was being provided for in free, wage or adoption homes where no expense accrues to the municipality. The year also witnessed an increase in the number of completed adoptions and it is important to observe that the Department continues to exercise every precaution to safeguard the interests of such children as are placed in adoption. A cause for concern is the increase noted in the number of cases dealt with under the Unmarried Parents Act, although some satisfaction may be expressed over the fact that collections for the support of children born out of wedlock were substantially greater than during the preceding period.

Unemployment Relief continues as one of Ontario's most difficult problems, although improvement was noted in 1938 in relation to 1937, gross cost for this item being 25 percent less. Nearly 700 of the Province's 902 organized municipalities received contributions from the Provincial Government on this account, the Province's share aggregating 46 percent. of the gross sum expended on relief in Ontario. The Province co-operated with the Dominion Government in a program of Youth Training, schools for this purpose being established at various points where instruction was made available and through which many of those thus trained were placed in positions.

A feature of the activities of the Soldiers' Aid Commission was the establishment near Barrie of a Garden Settlement Scheme which involved the subdivision of a tract of land into suitable plots, and the construction on each of a cottage and other buildings necessary for such a project. Results have been extremely encouraging, particularly in improved health among the 40 children whose parents participated in this undertaking. In addition to this work, the Commission made more than 1,700 emergency grants, 377 more than during the preceding year.

The Department continued to exercise supervision over the Refuges for the Aged, with 73 of these institutions under its purview. While marked improvement has been noted in the operation of these refuges, the responsibility of the public toward the aged indigent cannot be too strongly stressed, and Boards of Management are urged to provide to the extent of their means for the comfort and security of those who come under their care.

Also under the scope of the Department come some 41 organizations having to do with the care of children. Careful supervision has been exercised over the programs of such institutions in addition to regular scrutiny of their buildings and equipment.

The valuable work being accomplished by the Ontario Society for Crippled Children has at no time been more strikingly in evidence than during the poliomyelitis epidemic of 1937. Largely through the Society's efforts, coupled with the close co-operation of health officials throughout the Province, the ravages of the disease were much lighter than might have been expected from an epidemic of such proportions. The Society has been successful in enlisting the interest and assistance of service clubs and other organizations in its most important work, with the result that a definite co-ordination of effort today exists with respect to all undertakings directed to the assistance of handicapped children.

During the year the Department was relieved of responsibility in connection with supervision over various training schools and institutions which have now been placed under jurisdiction of the Provincial Secretary's Department.

All of which is respectfully submitted.

ERIC CROSS,

Minister.

APPENDICES

Part 1

PART I.

APPENDIX A

Report Of

THE OLD AGE PENSIONS COMMISSION

April 1st, 1937—March 31st, 1938

We herewith submit the Annual Report of the Old Age Pensions Commission, together with statistics covering the fiscal year 1937-38 which will be found in Part III. of this report.

The Old Age Pension pay-list continues its steady climb. This fiscal year has shown an increase of 1,580 pensioners, bringing the total number of pensioners to 57,530, the expenditure for the fiscal year being $12,484,279.15, of which the Province of Ontario contributes twenty-five percent. and the Dominion Government seventy-five percent.

The Commission also administers pensions for the blind, this form of assistance being made possible by recent amendments to the Old Age Pensions Act. Pension is now being paid to blind persons forty years of age or over, who are British Subjects and who have residence in Canada in accordance with the Old Age Pension regulations. Ontario was the first province to pay pensions to the blind and an agreement was signed between the Dominion and the Province in September, 1937. From this date to the end of the fiscal year—March 31st, 1938—683 blind pensions were granted, with an expenditure of $51,390.13. Statistics on pensions for the blind will be found on Pages 56-58 inclusive.

The recent amendment to the Old Age Pensions Act, which relieved the municipalities of their former contribution toward the cost of Old Age Pensions, necessitated a complete reorganization of administration, in order to safeguard the Treasuries of both the Dominion and Provincial Governments.

The province was divided into thirty-three districts, one investigator or more being assigned to each. In order to keep the travelling expenses of the investigation staff at a minimum, the investigators were given the responsibility of investigation work for both Old Age Pension—including pension for the blind—and Mothers' Allowance cases.

Local Boards were established in every county, city and separated town, also in the territorial districts of Northern Ontario, to assist in the work of administration. In the majority of cases, the members of the Local Boards serve without remuneration and have given splendid co-operation and assistance to the Old Age Pensions Commission in carrying on this great service to the older people of our province.

The municipal clerks have performed their duties in connection with Old Age Pension administration most willingly and efficiently. It is their responsibility to complete new applications and forward them to the Secretary of the Local Board in their district. The continued co-operation of the municipal clerks is very much appreciated by the Commission.

The work of the investigator does not cease when the first record has been made, as each pensioner must be visited annually to ascertain whether or not he or she continues to be eligible for assistance under the Old Age Pensions Act. Judging from the many favourable comments we have received, the pensioners are very grateful for the assistance and advice which is made available to them through the provincial investigators.

The new scheme of internal administration which has been put into effect has proven most successful. Deceased cases are now handled by a reorganized Estates Division and the collections from estates of deceased pensioners have shown a decided increase.

The Commission continues to have difficulty in obtaining documentary evidence which is required by the Act, particularly with respect to proof of age. It is anticipated, however that this difficulty will be eliminated to a considerable extent next year, when certificates of birth will be obtainable from the Provincial Registrar General's Department for applicants who are seventy years of age and who were born in the Province of Ontario.

Many other problems confront the Commission daily in dealing with new cases, reconsiderations, and the settlement of claims against estates of deceased pensioners. However, the Commission endeavours to give just decisions on all these matters, after giving careful consideration to the circumstances of each case.

At the Dominion-Provincial Conference held at Ottawa in November, 1937, several amendments to the Dominion Old Age Pensions Regulations were recommended and later became effective in January, 1938. As a result of these amendments, many worthy applicants who were previously ruled out, owing to technicalities, became eligible for pension.

By reason of an amendment to the residence regulation, an applicant, who had been detained outside of Canada during the twenty-year period prior to the date of application for pension through no fault of his own, became eligible to apply for pension if he had not been absent from Canada for more than four years within the twenty prior to making application.

Another amendment reduced the required period of residence in the province in which application is made from five years to seven hundred days. This is of inestimable benefit to applicants who have moved from one province to another.

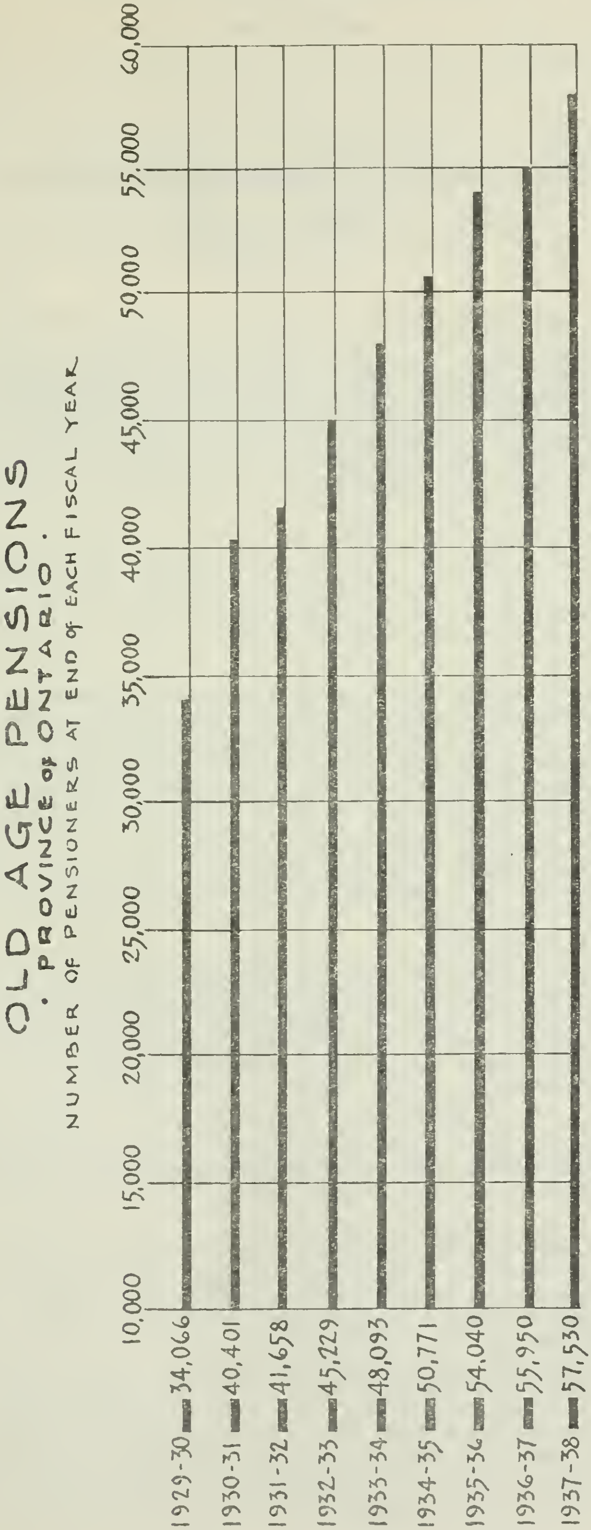
Many other points were defined at the Conference and this has proved of great value in administering the Old Age Pension scheme, in which all the provinces of the Dominion participate.

Respectfully submitted,

J. A. FAULKNER, Chairman,

G. S. TATTLE, Vice-Chairman,

C. H. GREEN, Commissioner.


OLD AGE PENSIONS
· PROVINCE of ONTARIO ·
NUMBER OF PENSIONERS AT END of EACH FISCAL YEAR
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
55,000
60,000
1929-30 34,066
1930-31 40,401
1931-32 41,658
1932-33 45,229
1933-34 48,093
1934-35 50,771
1935-36 54,040
1936-37 55,950
1937-38 57,530

APPENDIX B

MOTHERS' ALLOWANCES COMMISSION ANNUAL REPORT

1937 - 1938

As will be seen by the statistical tables found on another page in this report, the number of applicants for Mothers' Allowance does not appear to diminish. During the year under review there were received 3425 new applications and 1362 renewals, making a total of 4787 applications for Mothers' Allowances. In addition, of course, there were the usual number of reviews which necessitated increases, decreases and, in some cases, cancellations. The number of cases dealt with during this period is 11,017.

In spite of the large number of applications dealt with by the Commission, the net increase for the year was as low as 481, or 4.21%. This compares very favourably with the average increases that obtained prior to the enactment of the one child family legislation in 1935, bringing the total number of families assisted during the fiscal year, to 13,644 and leaving remaining on the monthly pay list, as of March 31st, 1938, 11,901.

It is interesting to note that there are more families receiving Mothers' Allowances living outside of the cities than there are living within the city limits. For some time now it has been generally thought that people who receive Mothers' Allowance flock to the cities in order to receive the additional amount that is paid to those living within the city limits. It is quite evident, from the above figures, that this is not the case. In fact, the majority of mothers would prefer to live outside a city where they can have a small garden and cheaper rent. The great difficulty however, is that when children become old enough to leave school and are seeking employment, there is little or no employment to be found in those small country places; consequently it is natural that some of the mothers, when they have children of wage-earning age, should move in, or nearer, to the cities where the bulk of industrial work is being done.

Another interesting fact of the tables referred to is the nationality of those benefiting under the Act. For example, of the 13,644 beneficiaries, 8,712, or 63.85%, were born in Canada. The majority of these were born in the Province of Ontario. Some 3367, or 24.68%, were born outside of Canada but within the British Empire and 1565, or 11.47%, were born outside the British Empire but had become British subjects by naturalization.

The majority of the beneficiaries under this Act are widows and, although the number of beneficiaries under the Incapacitation Clause of the Act has increased somewhat, the proportion to the whole is about the same as it has been over the years in which the Act has been in operation.

The amount of constructive social work that is being accomplished each year is evidenced by letters that we receive from time to time. We can only quote a few herein. "Mrs. K. moved to a small brick cottage, four rooms, bright and attractive and a great improvement on previous living conditions. There is a good sized garden attached. Mr. K. (who is incapacitated) received a gift of 50 young pullets and 50 lbs. of feed from the .... Hatchery in .... This makes a great interest for Mr. K. as well as the garden. He is a keen type of man and anxious to be as active as his physical condition will permit. The improvement in living conditions, welfare and happiness of this whole family is most marked." A letter from Mrs. T., who had worried a great deal about her financial circumstances, states that she has secured part time work and will now be able to clear off some of the debts that had been left, and she goes on to say,—"My health has improved a great deal, I feel much stronger and it is wonderful help to know that you people have been able to help me every month and pull me through my hardships, as I do not know what I would have done without the Mothers' Allowance cheques. My daughter is in 7th grade now. If she studies hard I believe she will be in High School soon." We have another case where the husband had been suffering from Tuberculosis and was gradually improving, and the Commission gave him permission to take a part-time job and to increase the hours of work gradually over a period of several months, until his Doctor decided that he was quite capable of carrying on without further assistance. His wife writes as follows: "This will probably be my last letter to you but I cannot close this chapter without expressing my deep appreciation for all your kindness. The Board has been just and fair and generous to us and we are very grateful. We needed that money desperately and I am not exaggerating my statement when I say that it was largely due to your help that my husband is as well as he is today."

It is remarkable the team work that we find among many of our families. Here is a typical case: A mother was left some time ago with five dependent children under 16 years of age and two children over 16. A recent report states that a paternal aunt has promised to put B. through University if he can get his Senior Matriculation. He is keen for this, and hopes to get his Junior Matriculation this summer. He has a paper route and earns $...... a month, which helps to buy his clothes. Another boy, who took the Commerce and Finance Course at the University of Toronto in 1937, is working and two other boys are also in fairly good positions as a result of the chance that the Mothers' Allowances Commission gave this family to complete their school education. In addition to paying board, these boys help to make necessary repairs to the house and have taken it upon themselves to put aside $1.00 each week towards a fund which will be used to retire the Second Mortgage on their mother's property.

There is no question but that the majority of our families if given the least opportunity, will, as a result of the assistance that has been given to them under this Act, become self-supporting and the children become good citizens.

The Mothers' Allowances Commission meets practically every afternoon to consider new applications and to review cases where the circumstances appear to have changed. The percentage of unsatisfactory cases that the Commission has to deal with continues to be very small. The large majority of the mothers appreciate the assistance that is being given to them by the Government to maintain homes for their children and to make it possible for the children to attend school.

The Act was intended to assist children until they complete their elementary education or until they reach their sixteenth birthday, and in order that this may be accomplished, a close check-up is made periodically, with reference to the school attendance of the children.

The Local Boards continue to render good service and are co-operating with the Commission in an endeavor to see that the administration of the Act is kept up to a high standard. Pursuant to the Amendment of the Mothers' Allowances Act providing for the close co-operation of the Old Age Pensions and Mothers' Allowances Boards, it is considered that much money has been saved the Counties. Moreover, through the re-organization of the field forces, our Investigators have been given definite areas in which they can cover the requirements of the Old Age Pensions Commission and of the Mothers' Allowances Commission as well, thus reducing costs of administration.

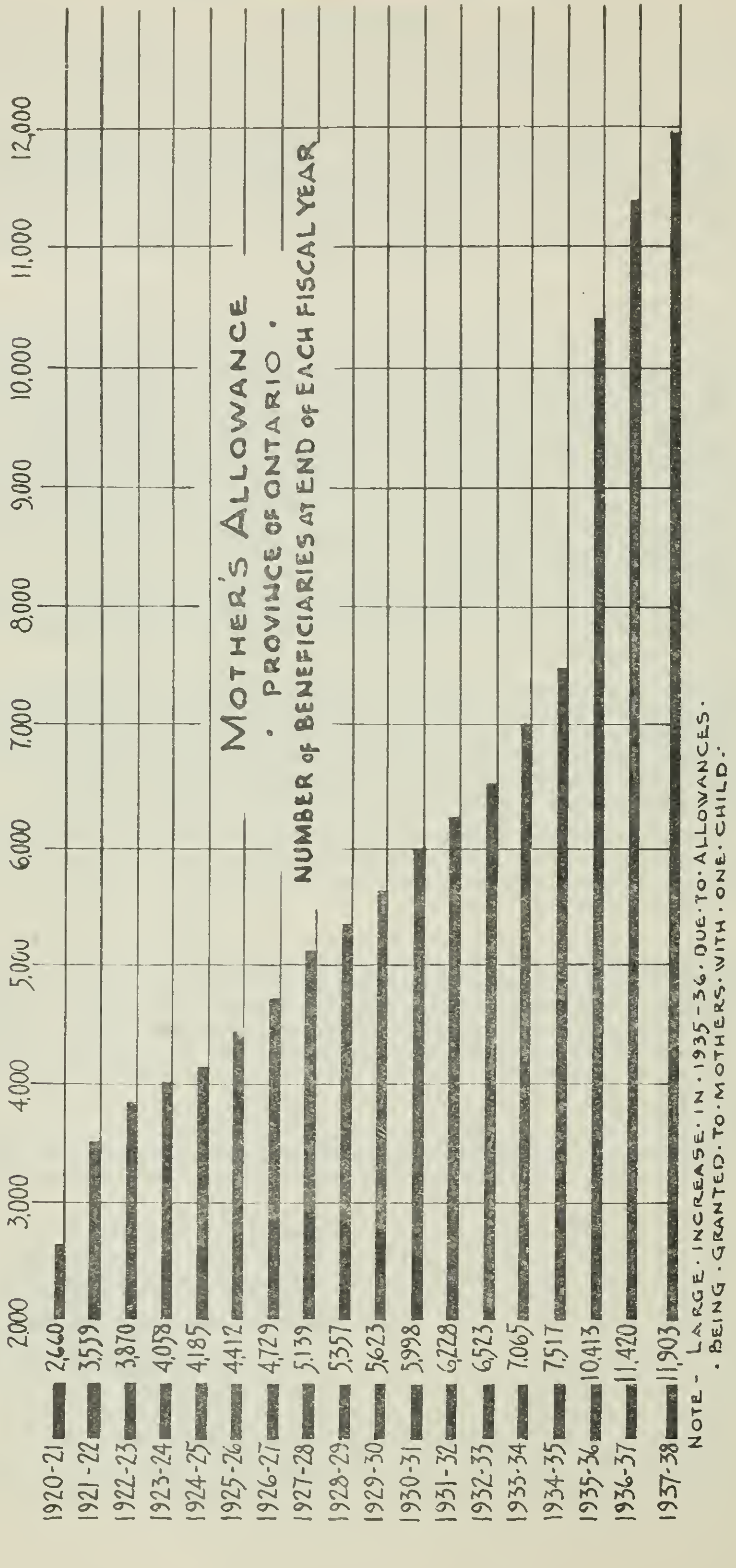
The Commission is also indebted to several Service Clubs and Social Service Organizations throughout the Province for their assistance and co-operation.

Respectfully submitted,

Chairman, J. A. Faulkner.

Vice-Chairman, H. Bentley,

Commissioner, Miss E. V. McKechnie.



MOTHER'S ALLOWANCE

· PROVINCE OF ONTARIO ·

NUMBER OF BENEFICIARIES AT END OF EACH FISCAL YEAR

NOTE - LARGE · INCREASE · IN · 1935-36 · DUE · TO · ALLOWANCES · BEING · GRANTED · TO · MOTHERS · WITH · ONE · CHILD.

APPENDIX C

Annual Report of
THE MEDICAL OFFICER

April 1, 1937, to March 31, 1938

The duties of the departmental medical officer are mainly advisory, and are primarily concerned with the disability cases under the Mothers' Allowances Act, and also with infirm indigents in the unorganized areas who require institutional care, applicants for admission to Home Service Training Schools, and all matters of a medical nature coming within the jurisdiction of the Department of Public Welfare.

Of course, the greatest percentage of the work is concerned with the Mothers' Allowances cases and at this point it might be well to refer to Sec. 2, Clause 1-a of the Mothers' Allowances Act, which states in part:— "Subject to the provisions of this Act and the regulations, a monthly allowance may be paid towards the support of the dependent children of a mother who is the wife of a man who is permanently unemployable by reason of mental or physical disability." In other words, for a woman whose husband is living to qualify under the Act, the husband must be permanently, wholly disabled and therefore unable to contribute to the support of his wife and family. For the purposes of the Act, a man suffering from active pulmonary tuberculosis, or a man confined in a mental hospital, may be considered permanently unemployable, provided he accepts treatment as prescribed by competent medical authority.

There is much misconception on the part of interested parties regarding cases, because it is not realized that it is not sufficient for a man to be totally disabled, but that he must be permanently so. Cases are presented almost daily where, if proper treatment were instituted, the man's condition could be improved to such an extent that his disability would be materially reduced. Such treatment very often requires hospitalization in a larger hospital, where special diagnostic and therapeutic equipment are available, or prolonged rest in bed with special diet, and possibly expensive medication. Other cases are presented where the diagnosis is obscure. It is readily realized that, without certain knowledge of the cause of the disability, it is impossible to determine the degree or permanency of such. Often diagnosis cannot be made without the services of a hospital where all modern methods of diagnosis are available.

As mentioned previously, pulmonary tuberculosis, because of the public health problem involved and the chronic and sometimes fatal nature of the disease, is considered as a permanent total disability—if the condition is active when application is first made. The payment of an allowance in these cases, where they otherwise qualify under the regulations, is considered as a definite part of the fight against this disease. There is the closest co-operation between the Mothers' Allowances Commission and the Tuberculosis Prevention Division of the Department of Public Health.

Mental cases, for the purposes of the Mothers' Allowances Act, are considered as permanently unemployable, provided the husband suffers from a definite psychosis and is an inmate of a mental hospital. Here again there is the difficulty of a definite prognosis as to the duration of the disease. The allowance is ordinarily continued during the period of probation from a mental hospital, unless the man has so recovered as to be able to return to work. Following the period of probation, if the man is discharged outright from hospital, the allowance is cancelled, unless he can be certified as incurable although safe to remain at home. Cases where the man is admitted to hospital because of mental deficiency without psychosis, or because of addiction to alcohol or drugs, are not considered eligible.

Physicians in general have given unstintingly of their time in examining and reporting on the incapacitated husbands, but they have not always understood the

Act and have not always realized that decisions, in the vast majority of cases, must be made from written reports, and that, in order for the Commission to have a proper mental picture of the case, great detail is necessary. The finest co-operation has been given by the profession in furnishing details when requested, but their extra time could have been saved if details had been given on the first report. This is not offered as a criticism but as a suggestion to save the time of busy practitioners, who, in the majority of cases, have given this service to their patients without remuneration.

In administering an Act so vitally concerned with the health and happiness of the home, it is essential that the fullest possible information be available, and this requires the close co-operation of many other organizations and branches of the Government. Thanks are due to the medical profession, hospital authorities, municipal authorities, the Department of Health of the Ontario Government, and all the voluntary organizations concerned with matters of public welfare.

G. G. CLEGG, M.B.,
Medical Officer.

APPENDIX D

Annual Report of

SUPERVISOR OF INVESTIGATORS FOR PENSIONS AND ALLOWANCES

1937 — 1938

Investigation for Old Age Pensions and Mothers' Allowances takes place after the application has been made to the local board, usually in the home of the applicant. It involves the gathering of information from a variety of sources, its verification and evaluation. On the basis of this collection of data, eligibility for and amount of the pension and allowance are determined by the Commissions.

Prior to June, 1937, investigations for Old Age Pensions were handled locally; for Mothers' Allowances by Provincial investigators. In all there were twenty-one investigators doing Mothers' Allowance work only.

In June, 1937, the Province was organized in districts, and the appointment made for each district of an investigator to do both Old Age Pensions and Mothers' Allowances work. There are thirty-three districts with fifty-six investigators. Four of these do special work in giving assistance to investigators in areas where the number of Old Age Pensioners and Mothers' Allowances beneficiaries are too many for one investigator.

Inauguration of Pensions for the Blind came into effect in September, 1937. Investigation for these Pensions was added to the work of the investigator.

The fact that the investigators are dealing with human beings whose backgrounds, relationships, characters, and potentialities, are so varied, requires an awareness of the individual nature of the work.

To gather this information in a humane and understanding way so that the applicant co-operates in the furnishing of documentary evidence. supplying references, giving information with respect to relatives etc. demands ability and skill that can be acquired only by an educated, understanding person, with some experience of life. The task is by no means an easy one. It requires an abundance of tact and patience; a personality free from prejudice; a loyalty to service for both applicant and administration; and above all an understanding of the human value involved in these welfare services.

While investigation for Old Age Pensions and Mothers' Allowances are similar in method, each has its definite purpose and difficulties. Some applicants for Old Age Pension suffer from loss of memory: others have frequent lapses of memory. Physical and mental illness play their part in making some investigations most difficult. In all cases, the investigator must appreciate the difficulties inherent in progressive old age.

Proof of age and residence; details regarding property transactions; income from various sources, must be accurate before the granting of a pension can be considered. This means patience, alertness, and an ability to help the applicant relive situations of the past that may be quite forgotten.

Social or health care for the pensioners is the responsibility of the municipality in which the pensioner lives. Therefore the investigator must be aware of conditions that should be brought to the attention of the municipal authorities.

A Mothers' Allowance is granted on the basis that the child's own home is the most suitable place for his training and development. The investigator tries to visit at the home as often as the family's need for assistance and supervision requires. The purpose is to see that the children are receiving the care according to the standards set by the Mothers' Allowances Act and Regulations. The investigator must have knowledge of the social resources of the community that may be used to assist beneficiaries to maintain their standard of living.

Time and distance are important factors in this work. And in order to have the work more completely done, it would seem necessary to reduce the size of the district for some investigators.

F. HELD,

Supervisor.

APPENDIX E

Report of

THE CHILDREN'S AID BRANCH

April 1st, 1937 — March 31st, 1938.

Notable efforts have been made by several of the Societies to collect additional revenue by the organization of active campaigns for private funds. This effort is commendable in view of the fact that each Children's Aid Society is a private organization dependent on private funds to finance a large part of its work.

The philanthropic work carried on by Children's Aid Societies year after year is frequently overlooked. Many children are assisted and families rehabilitated without a direct charge on a municipality. For the year under review there were 7,996 complaints of neglect registered with the various Societies. These involved 23,175 children. Since there is only a direct charge on the municipality when a child is committed as a ward, it is encouraging to note that only 1,199 of these children had to be so committed, (655 as temporary wards and 544 as permanent wards.) Such a comparatively small percentage of commitments indicates the value of the preventive services the Children's Aid Societies are rendering in their respective communities,—services financed largely from private subscriptions. These efforts on the part of the Societies are purely philanthropic, private, and not chargeable to the respective municipalities. At the same time, they operate as a direct saving to municipalities by preventing the commitment of children as wards which commitment carries with it an order for maintenance against the municipality.

Notwithstanding the efforts made by Societies to rehabilitate children in their own homes, it is necessary for their protection that some children be taken into care. The several Societies at the end of the year had 10,745 such children in direct care. The efforts of the Societies to care properly for these children at as reasonable a cost to the municipalities as possible is further shown by the fact that 6,144 of the 10,745 are being cared for in free, wage or adoption probation homes where there is no expense to the municipality. In wage homes the children are paid for their services thereby supporting themselves.

Every effort is being made by the Department and the various Societies to provide the necessary care for the children at as reasonable an expenditure as possible and it would appear from the above figures that these efforts are meeting with considerable success.

It is gratifying to note that there has been an increase in the number of legal adoptions completed. 818 children received permanent, carefully selected homes during the year.

The necessary two year probation period and the judicious supervision by the Societies during that period has adequately protected both the children and the foster parents from anything in the nature of "Adoption rackets."

Once again it is necessary to express concern over a slight increase in the number of cases the Unmarried Parents' Act brought to the attention of the Provincial Officer.

Efforts expended to obtain support for children born out of wedlock have resulted in an increase in the amount collected from $83,521.00 for the year ending March 31st, 1937 to $88,340.00 for the year ending March 31st, 1938.

Total expenditure for Children's Aid work from all sources, municipal, private, and provincial government, represented something over $1,200,000.00. Since service was given to slightly over 36,000 children, the cost per child per year would be between $30.00 and $35.00.

The general efficiency of the work of the various Societies has shown a steady improvement, staffs have been strengthened, and several Societies reorganized.

B. W. HEISE,
Provincial Superintendent,
Children's Aid Societies.

DIRECTORY

CHILDREN'S AID OFFICIALS, ONTARIO

Local Superintendents

Algoma	J. H. Dawson, Acting Supt.	Sault Ste. Marie
Brant	J. P. Temple	Brantford
Bruce	D. W. Cameron	Walkerton
Cochrane	A. G. Carson	Timmins
Dufferin	Dr. W. J. Price	Orangeville
Elgin	O. L. Austin, Acting Supt.	St. Thomas
Fort William	Frank Blain	Fort William
Frontenac	E. I. Smit, 161 Brock St,	Kingston
Grey	A. E. Trout	Owen Sound
Haldimand	C. R. Bilger	Dunnville
Halton and Peel	G. F. Thompson	Milton
Hamilton	B. Beaumont, 47 King E.	Hamilton
Hastings	T. D. Ruston, 250½ Front St.	Belleville
Huron	H. T. Edwards	Goderich
Kenora	Miss Florence Humble, Act. Sup	Kenora
Kent	F. Appleyard	Chatham
Lambton	James Crockard	Sarnia
Lanark	Miss Jessie MacPherson	Perth
Leeds and Grenville	C. A. Winters	Brockville
Lennox and Addington	W. F. Barrett	Napanee
Lincoln	H. Fonger	St. Catharines
London and Middlesex	W. E. Kelly, City Hall	London
Manitoulin	O. D. Cadotte, Acting Supt.	Silver Water
Muskoka	W. D. Forrest	Huntsville
Niagara Falls	Ernest Majury	Niagara Falls
Nipissing	John Brown	North Bay
Norfolk	Thomas Phillips	Simcoe
Northumberland & Durham	K. J. Hodgert	Port Hope
Ontario	O. M. Alger	Oshawa
Ottawa and Carleton	Miss Janet Long, 412 MacLaren	Ottawa
Oxford	Richard G. Clowes	Woodstock
Parry Sound	John Hartill	Burks Falls
Perth	Hugh Ferguson	Stratford
Peterborough	Miss Rachael Young	Peterborough
Port Arthur	R. M. Young, Acting Supt.	Port Arthur
Prescott and Russell	Jos. Lacasse	Wendover
Prince Edward	R. W. Hubbs	Picton
Rainy River	Mrs. Florence Tibbetts	Fort Frances
Renfrew	J. C. Simpson	Renfrew
Simcoe	G. R. Foster	Barrie
Stormont, Dundas & Gleng.	H. C. Nugent	Cornwall
Sudbury	J. S. Davidson	Sudbury
Temiskaming	J. R. McCracken	Haileybury
Toronto	R. E. Mills .... 32 Isabella St.,	Toronto
Victoria and Haliburton	Allan Blewett	Lindsay
Waterloo	Arthur Pullam ..... County Bldg.,	Kitchener
Welland	Mrs. D. E. Young .... Box 222,	Welland
Wellington	H. D. C. Crooks	Guelph
Windsor & Essex (Prot).	George Sinclair ...... 121 London,	Windsor
Windsor & Essex (R.C.)	R. J. Bondy, 211 Guaranty Trust Bldg.	Windsor
Wentworth	J. Peart, Sec., ... Court House,	Hamilton
York	Mrs. J. S. Driscoll, 73 St. Clair Ave E.,	Toronto
Roman Catholic Children's Aid Society of St. Vincent de Paul	J. G. Mallon,......469 Sherbourne,	Toronto

Provincial Superintendent—B. W. Heise, Box 246B, Parliament Buildings.
Toronto, Adel. 1211.

February, 1939.

APPENDIX F

UNEMPLOYMENT RELIEF

The cost of Unemployment Relief in the Province of Ontario during the fiscal year ended March 31st, 1938, showed a decease under the previous fiscal year of $7,083,448. There was a decrease in the average monthly numbers assisted of 96,406. The relative costs and percentages borne by the three contributing authorities foı the fiscal years ended March 31st, 1937, and March 31st, 1938, were as follows:

	March 31, 1937		March 31, 1938	
Gross	$28,139,889		$21,056,441	
Provincial	10,870,312	38.63%	9,712,114	46.12%
Federal	9,906,750	35.21%	6,030,000	28.64%
Municipal	7,362,827	26.16%	5,314,327	25.24%

Of 902 organized municipalities in the Province, an approximate average of 673 were assisted by the Department.

The Federal subsidy toward Direct Relief costs was on the basis of a monthly grant-in-aid. For the first month of the fiscal year this was $600,000; in the month of July it was reduced to $480,000. In October it was reduced to $465,000 per month for the balance of the year. The following comparative tables for the current and past fiscal period will indicate the monthly distribution of costs and numbers.

(See Table "A")

The categories of Direct Relief consist of food, fuel and clothing, shelter, medical household remedies, school books and supplies, seeds and transportation. Of these items the Federal Government contributed to "Material Aid" only, namely food, fuel, clothing and shelter, while the Provincial and Municipal Governments shared in the costs of all the items.

In addition to contributing to the cost of Direct Relief in the various municipalities, the Province, through its inspection staff, was able to assist municipalities in improving their administration methods. This assistance was welcomed and appreciated by the municipal authorities and the Department is continuing this cooperation.

The Home Service Training Schools under the Dominion-Provincial Youth Training Program were inaugurated in the month of September. Schools were opened at Hamilton, Preston, Sarnia, Windsor, St. Thomas and Toronto. As at March 31st, the staff consisted of 21 trained instructresses. Courses of instruction are for a period of three months preliminary and three months final. The final instruction will be received under actual employment conditions. With the five schools in operation it is possible to provide classes for approximately 125 girls. Changes in ways of living have made rapid strides in the last ten years. Higher degrees of skill are required and demanded by employers of those doing household duties. It is felt that the Home Service Training Schools will provide the necessary training.

The Department extends appreciation to all branches of the Government and persons who have rendered assistance in the matter of assisting in the problem of Unemployment Relief.

E. A. HORTON,

Director, Unemployment Relief Branch

TABLE "A"

TOTAL DIRECT RELIEF COSTS

FOR THE FISCAL YEARS 1936-37 and 1937-38

Month	Total	Prov. Share	Dom. Share	Mun. Share
April, 1936	$ 2,904,696	$ 1,184,330	$ 892,500	$ 827,866
May	2,513,331	912,607	892,500	708,224
June	2,095,606	608,614	892,500	594,492
July	1,910,061	614,600	803,250	492,211
August	1,836,956	551,527	803,250	482,179
September	1,939,151	586,387	803,250	549,514
October	2,073,750	664,652	803,250	605,848
November	2,325,310	816,707	803,250	705,353
December	2,724,971	1,327,988	803,250	593,733
January, 1937	2,506,227	1,118,459	803,250	584,518
February	2,592,858	1,197,938	803,250	591,670
March	2,716,972	1,286,503	803,250	627,219
Total	$28,139,889	$10,870.312	$ 9,906,750	$ 7,362,827
		38.63%	35.21%	26.16%
April, 1937	2,414,730	1,264,319	600,000	550,411
May	1,847,847	840,018	600,000	407,829
June	1,478,581	530,579	600,000	348,002
July	1,329,614	518,405	480,000	331,209
August	1,230,769	451,178	480,000	299,591
September	1,229,949	469,231	480,000	280,718
October	1,351,587	581,265	465,000	305,322
November	1,580,629	742,581	465,000	373,048
December	2,052,774	1,077,499	465,000	510,275
January, 1938	2,058,257	1,022,113	465,000	571,144
February	2,116,055	1,052,475	465,000	598,580
March	2,365,649	1,162,451	465,000	738,198
Total	$21,056,441	$ 9,712,114	$ 6,030,000	$ 5,314,327
		46.12%	28.64%	25.24%

TOTAL NUMBERS ASSISTED

For The Fiscal Years 1936-7 and 1937-8

Month	Heads	Dependents	Individuals	Total
April, 1936	91,035	293,389	20,052	404,476
May	78,935	253,965	16,762	349,662
June	71,141	227,863	14,799	313,803
July	66,861	212,818	13,979	293,658
August	63,068	199,684	13,674	276,426
September	61,593	198,008	13,811	273,412
October	62,146	200,249	14,117	276,512
November	64,703	210,679	15,661	291,043
December	70,463	229,535	16,913	316,911
January, 1937	75,208	247,797	17,493	340,498
February	76,841	247,507	17,904	342,252
March	77,293	239,971	17,599	334,863
Monthly Average	71,607	230,122	16,064	317,793
April, 1937	69,611	228,422	16,524	314,557
May	57,217	186,436	13,576	257,229
June	47,010	149,702	11,179	207,891
July	41,009	128,107	10,298	179,414
August	38,107	118,090	9,972	166,169
September	37,562	115,965	9,934	163,461
October	38,242	118,290	10,120	166,652
November	42,412	132,719	11,320	186,451
December	49,991	158,579	11,981	220,551
January, 1938	57,155	182,916	13,378	253,449
February	60,521	194,323	13,626	268,470
March	61,841	199,216	11,288	272,345
Monthly Average	50,056	159,397	11,933	221,387

APPENDIX G

Report of

THE SOLDIERS' AID COMMISSION OF ONTARIO

April 1st, 1937, to March 31st, 1938

COMMISSION MEMBERSHIP.

During the period under review no change occurred in the membership of the Commission; all members continued to take a keen interest in the various phases of the Commission's activities and were active in attendance at meetings and furthering the services of the Commission throughout the Province.

Members are as follows: Lt. Col. E. A. Baker, O.B.E., M.C., Chairman, Toronto; Major-General V. A. S. Williams, C.M.G., Toronto; Colonel T. J. Rutherford, E.D., Owen Sound; Lt. Col. J. A. Dewart, M.C., Peterborough; Major F. R. Palmer, St. Thomas; Charles J. Brown, Esq., Toronto; Dr. Walter F. Charteris, Chatham; T. Summers Wilson, Esq., Sudbury.

COMMISSION MEETINGS.

Two general meetings and four special meetings were held during the year; in addition to the general meetings of the Commission, Committee meetings to deal with special activities of the Commission were called by the Chairman concerned.

COMMISSION STAFF.

No staff changes occurred during the period under review.

AUDIT.

In compliance with a request of the Soldiers' Aid Commission, a duly authorized representative of the Provincial Auditor's Department conducted a thorough Audit of the books and accounts of the Commission, which were found to present a correct statement of financial transactions of the Commission for the year.

WARDS.

An appended statistical statement presents a detailed record of services to wards in general.

On April 1st the number of wards under the care of the Commission was 84, but during the year, due to wards attaining the full age of 21 years or having married, this was reduced to 65.

Welfare investigations, placements, etc., for the period numbered 266, as compared to 548 for the previous year; this reduction was due to the reduced number of wards and stabilization of individual wards.

ASSISTANCE AND ADVICE.

1. Emergency grants for the year numbered 1,734, as compared with 1.357 for previous year.

2. General information and advice services rendered to ex-service men and dependents totalled 1,353, as compared to 1,781 for previous year.

3. Office interviews for this period were 5,514, as compared with 5,971 for previous year.

4. Special information and advice re pension claims procedure numbered 237 as compared to 251.

HANDBOOK OF INFORMATION FOR VETERANS.

During this period the balance of the supply of "Handbooks of Information for Veterans" were distributed.

Consideration was given to the printing of a revised edition bringing the information up-to-date, but it was decided that this should not be done for approximately one year, in view of important changes in veteran legislation and services.

KATHLEEN HAMMOND ESTATE.

The assistance from this fund to widows on pension under the Pension Act served 97 cases of emergency or special need during the past year as compared with 112 in the previous year.

The corpus of this fund was subject to a further substantial increase during the year.

CROFT ESTATE.

Through revenue derived from mortgage and interest payments in connection with lots of this Estate previously sold, and through rentals of the Yonge Street lot to a Taxi Company for parking purposes, a substantial reduction in Tax Arrears on the Yonge Street lot was made possible; also towards the end of the period under review the Yonge Street lot was rented to a used car agency with a better rental yield.

It is hoped that with improving conditions a satisfactory sale of this remaining lot may be effected.

GARDEN LAND SETTLEMENT SCHEME.

Just prior to April 1st, 1937, the Commission decided to develop a Garden Land Settlement for veterans with families, who had been unemployed and on relief, in an effort for re-establishment on a self-supporting basis.

With the approval of the Honourable the Minister, and the Department of Welfare a suitable muck soil area which had been purchased in the Barrie District, was surveyed into allotments of approximately seven acres each and plans for the rehabilitation of the farmhouse already on the property, and the erection of seven new cottages of suitable design was proceeded with.

With the assistance of responsible Veterans Organizations in various Districts; of the Soldier Settlement Board, Ontario Office; and the Department of Agriculture, the men and families were carefully selected and took up residence.

Clearing, breaking and cultivation of the land was pressed, in order to make crop planting as early in the season as possible.

Through the Ontario Agricultural College, an undergraduate with truck gardening experience was selected to assist the settlers in the selection, planting and cultivation of crops.

The crop results were most encouraging for a first year with the result that sales during the season yielded much needed and appreciated ready cash to the settlers and also provided them with winter vegetable needs.

Among other important sales was approximately thirteen tons to Churches and Service Clubs sending supplies to drought areas in Western Canada.

During part of the winter season, through arrangements made by the Commission, settlers were allowed cash or credit in return for additional clearing work on adjacent allotments or on the properties they occupied. This was found helpful in enabling them to purchase seed and fertilizer for the next season's operations. Through surplus supplies made available by the Department of Welfare, rubber boots, mackinaw coats and working clothes were issued to settlers and their families and were found most acceptable and serviceable to meet winter conditions.

The cottages, which were insulated, walls and ceilings, proved most comfortable during both the heat of summer and the cold of winter.

All families enjoyed good health.

Results during the year were so encouraging that the Commission and the settlers are looking forward to the new year of activity and development with high hopes.

One of the benefits to the newly established settler which has seemed most marked has been the obvious improvement in the health of the children, of whom there are some forty.

Arrangements were kindly made by the Department of Education for a School Bus to convey children to and from School in Barrie.

GENERAL.

In general the Commission has followed with keen interest all developments affecting the welfare of veterans and their dependents throughout the Province.

Members of the Commission; the Director and his staff, have visited or been in touch with many Branches of the Canadian Legion and other Veteran Organizations.

The understanding of the Commission's interests and activities continues to improve.

As in the former period, the Commission has been careful to advise, that facilities or assistance available to veterans or their dependents should be utilized whenever possible; but has undertaken to directly assist where other means could not be found or made available with sufficient promptitude to meet existing emergencies.

A settlement of seven single ex-service men located on the South-West Arm of Lake Nipissing, who were assisted to take up homesteads some six years ago, were provided with stump pulling equipment.

Reports indicate that these settlers have increased their clearings and the land area under cultivation.

The co-operation of the Honourable the Minister, Department of Welfare and staff members of the Department has been appreciated.

The Commission desires again to gratefully acknowledge the co-operation of Veteran Organizations; the Canadian Red Cross Society; the I. O. D. E.; Soldiers' Comforts; the Last Post Fund and all other Organizations and individuals who have in numerous ways been helpful during the year.

Respectfully submitted,

E. A. BAKER,

Chairman.

APPENDIX H

Report on

REFUGES HOMES FOR THE AGED AND INFIRM

On December 31st, 1937, there were 31 County, 39 City and 3 District Refuges under the supervision of the Department of Public Welfare. The average number of Residents in the County Refuges was 2,056; in the City Refuges, 3,158; and in the District Refuges, 174, or a total of 5,588. The average number of residents in a refuge is about 80.

The Refuges have been neglected for a number of years and repairs have been badly needed with the result that many repairs have been made, and the cost has increased comparatively. The average cost per diem for each resident in the County Refuges was .63c; in the City Refuges $1.07; and in the District Refuges, .83c. The cost for maintenance in the County Refuges was $509,990.25; in the City Refuges, $1,016,509.62; and in the District Refuges, $54,595.95, making a total cost for maintenance in all refuges of $1,581,095.82.

The Department of Public Welfare is cognizant of the responsibility imposed on the Boards of Management, the Superintendents and the Matrons to operate the Refuges as economically as possible, while at the same time it takes into consideration seriously the importance of the safety, comfort and happiness of the aged or infirm residents.

There has been a marked improvement during the last few years and this Department appreciates the fine co-operation extended by all the Boards, Superintendents and Matrons.

S. L. CHARLTON,

Inspector of Refuges.

APPENDIX I

CHILDREN'S INSTITUTIONS

Varied programmes are represented in the 41 organizations under the supervision of the Department of Public Welfare listed as Children's Institutions. Several of these have no institutional building but use exclusively the method of placing children to board in private family homes.

Several Institutions which, in the past, kept children for long-time care within the institutional building, have now made arrangements to have a thorough investigation made of every case before a child is admitted. They have also arranged to have each child's case reviewed periodically in order that the child may be replaced in the community as soon as possible.

As of December 31st, 1937, there were 2,841 children in the care of these organizations. There were 1,008,366 days' care provided. Total receipts were $792,034.26. Cost per day per inmate would be, therefore, approximately .78c. Of the $792,034.26 total receipts, $514,579.57 was received from paying residents, donations and receipts from endowments, the remainder being made up of payments from municipalities and provincial government.

The programme of each institution is carefully supervised in addition to the physical aspects of the building and equipment.

B. W. HEISE,
Provincial Superintendent,
Children's Aid Societies.

APPENDIX J

Report Of
ONTARIO SOCIETY FOR CRIPPLED CHILDREN
1937 - 1938

BLUE MOUNTAIN CAMP

A member of the Board of Directors, who prefers to remain anonymous, bought a suitable property near Collingwood, built a splendid camp to accommodate 16 children and presented it to the Society. During the summer 67 children from twelve to eighteen years of age enjoyed a two weeks holiday. Care was taken to select only those who needed such an outing but whose parents could not provide it.

CRIPPLED CHILDREN'S STAMP CLUB

A new undertaking, announced in March, 1938, was the Crippled Children's Stamp Club. Discovering the keen interest taken by some of the children in the collection of stamps, it was determined to make it possible for every crippled child in this Province to have a stamp collection. A voluntary committee, with representation of the Canadian Philatelic Society, was established to collect, sort, and forward suitable stamps to junior and senior members.

PUBLICATIONS

There were 6 issues of "The Horizon," dealing with all aspects of the work, mailed to a list of about 11,000 interested people.

Dr. H. J. Prueter's thesis on the "Care and Education of Crippled Children in Ontario" was published in book form under the title "Facing the Future."

Two pamphlets, "The Layman's Guide," and "Suggestions for Surveys and Clinics," were printed for the use of local committees.

POLIOMYELITIS EPIDEMIC

As soon as things began to look serious some time during August 1937, the Society offered very complete co-operation to the Provincial Department of Health. This offer was accepted. From that time forward, the Society carried out every detail of requests made by the Deputy Minister of Health, Dr. B. T. McGhie, the Chief Medical Officer, Dr. J. T. Phair, and the officers of the Department especially assigned to this work, Drs. William Mosley and Roger Myers. Some of the things accomplished were the visiting of 800 cases showing paralysis; the making of accurate records on each visit of the Society's nurses in order that the Department might have complete information; manufacturing and distribution of several hundred reading tables for bed cases; provision of transportation of cases to and from hospital for treatment and follow-up care.

On November 1st, 1937, two nurses were taken on for a period of one year, one being loaned by the town of Paris, and one by the Provincial Health Department. The task was such that on January 1st, 1938, it was decided to add four more nurses to the staff, two being loaned by the Toronto Health Department, one by the Infants' Home and one by the Hospital for Sick Children, each for a period of three months. All of these were nurses with Public Health training, Public Health experience and experience in orthopaedics.

With the exception of the City of Toronto with its net-work of Public Health Services, and the four most Easterly counties of the Province which are served by the Eastern Ontario Health Unit, our nurses have practically covered the Province, visiting and reporting to the Provincial Board of Health on all polio patients of 1937 who had any paralysis or paresis.

In each case, a visit was made to the Medical Officer of Health of the district and to the private physician asking permission to visit the patient and offering assistance in any way in which we might be of service. The co-operation of the Medical Profession, without which little could have been accomplished, was most helpful.

As the year ended, 356 poliomyelitis cases were receiving nursing supervision by the three nurses remaining on the staff.

It was apparent that this service along with the arrangements for hospitalization and appliances provided by the Government had already resulted in the recovery of many cases without any sign of deformity. In spite of the fact that there were five times as many cases as in any previous year, it is our opinion that the treatment established will actually reduce the number of cases of ultimate deformity.

CO-OPERATION

The keynote of the Society's work for the year was co-operation. This was demonstrated in the Poliomyelitis work and in the development of new services in several areas. For example, the Rotary Club of Kingston made a complete survey of Frontenac County, discovering some 20 new cases needing attention. All of the survey letters, a total of 265 were prepared for them in the Society's office.

Work was established in a number of districts in which new service clubs were organized during the year.

The development of local interest and responsibility has always been the purpose of the Society. To give some idea of the extent of the service to crippled children since it became a major work some 15 years ago, the following summary is presented:

Total of all cases cared for, to and including 1931:

	Orthopaedic Cases	**Other Handicapped Cases**	**Total**
New Cases — 1932	3522	4355	7877
1937	4600	11314	15914
Totals	8122	15669	23791

OFFICERS

The officers of the Ontario Society for Crippled Children are:

President	Major E. H. Lancaster, K.C., St. Catharines
Vice-President	Dr. Grant Bird, Oshawa
Vice-President	Mr. John Watt, London
Hon. Treasurer	Mr. John J. Gibson, Toronto
Hon. Secretary	Mr. J. C. McRuer, K.C., Toronto
Executive Secretary	Mr. R. W. Hopper, Toronto

FINANCIAL REPORTS

Part II.

Department of Public Welfare

FINANCIAL REPORTS

Year Ended March 31st, 1938.

DISBURSEMENTS

Branch	Ordinary Expenditure	Capital Payments
MAIN OFFICE		
Minister's Salary	4,392.69	
Permanent Salaries	26,366.51	
Temporary Salaries	126.63	
Travelling Expenses	1,581.18	
Purchase of Equipment	1,438.22	
Stationery and Prainting	3,711.26	
Telegraph and Telephone	548.97	
Miscellaneous	138.07	
Maintenance of Indigents	2,570.00	
Burial of Indigents	1,912.00	
Grants:		
Refuges	90,764.55	
Orphanages	61,767.20	
Soldiers' Aid Commission	40,357.00	
	$235,674.28	
CHILDREN'S AID		
Permanent Salaries	$ 33,295.36	
Temporary Salaries	313.96	
Travelling Expenses	4,387.07	
Purchase of Equipment	16.80	
Stationery and Printing	1,773.27	
Telegraph and Telephone	121.17	
Miscellaneous	338.81	
C. U. P. A. Travelling Expenses	11,138.46	
C. U. P. A. Maintenance	46,403.26	
C. U. P. A. Legal Costs	3,621.57	
C. U. P. A. Miscellaneous	13.90	
Salaries of Local Superintendents, etc.	48,400.00	
	$149,823.63	
MOTHERS' ALLOWANCES		
Permanent Salaries	$ 68,046.11	
Temporary Salaries	19,626.13	
Travelling Expenses	35,410.05	
Purchase of Equipment	1,523.10	
Stationery and Printing	4,279.45	
Telegraph and Telephone	50.58	
Local Board Expenses	1,045.70	
Miscellaneous	289.44	
Allowances	4,851,641.50	
	$4,981,912.06	

OLD AGE PENSIONS

Permanent Salaries	$ 44,560.08	
Temporary Salaries	3,812.94	
Travelling Expenses	3,852.69	
Purchase of Equipment	1,619.68	
Stationery and Printing	11,905.14	
Telegraph and Telephone	49.63	
Registration Fees	1,290.49	
Miscellaneous	1,688.06	
Pensions — Old Age, Dom. & Prov.	3,082,105.62	9,402,173.53
Blind, Dom. and Prov.	12,854.84	38,535.29
	$3,163,685.17	9,440,708.82

SPECIAL WARRANTS

Crippled Children	$ 6,000.00	
Memorial Wreaths	2,218.75	
	$ 8,218.75	
	$8,539,313.89	9,440,708.82

UNEMPLOYMENT RELIEF

Direct Relief	$9,739,997.93
Relief Administration	219,712.37
	$9,959,710.30

SPECIAL WARRANTS

Relief Housing Scheme	$ 36,454.05	
Re. Mrs. L. H. Spence	1,000.00	
Labour Costs, St. Michael's Hospital	54,000.00	
	$ 91,454.05	
TOTAL EXPENDITURE	$18,590,478.24	9,440,708.82

RECEIPTS

Branch	Ordinary Revenue	Capital Receipts
MAIN OFFICE		
Sundry	$ 38.68	
CHILDREN'S AID		
Sundry Revenue	$ 197.12	
MOTHERS' ALLOWANCES		
Accounts Receivable—Mun.		430,782.82
OLD AGE PENSION		
Accounts Receivable—Old Age—Dominion		9,527,468.70
Municipalities		215,460.61
Other Provinces		62,348.27
Blind — Dominion		38,535.29
Other Provinces		4.78
		$ 9,843,817.65
TOTAL RECEIPTS	$ 235.80	$10,274,600.47

Details of Receipts and Disbursements

FOR OLD AGE AND BLIND PENSIONS

Total Cheques Issued—Old Age Pension	$ 12,730,684.69		
Blind Pension	51,401.74		
	$ 12,782,086.43		
Less Cancelled Cheques	132,071.31		
		12,650,015.12	
Less Cash Refunds—Old. Age. Pen.		114,334.23	
Blind Pension		11.61	
			12,535,669.28
Payable by Dom. — Old Age Pen.	9,322,260.84		
Blind Pension	38,535.29	9,360,796.13	
Payable by Other Prov.—Old Age Pension	79,912.69	79,912.69	
Payable by Ont.—Old Age Pen.	3,082,105.62		
Blind Pension	12,854.84	3,094,960.46	
			12,535,669.28

PAYMENTS RECEIVED :

From Dominion re 1936 - 37 Old Age Pension	205,207.86		
From Dominion re 1937-38 Old Age Pension	9,322,260.84		
From Dom. re 1937-38 Blind Pen.	38,535.29	9,566,003.99	
From Other Prov.—Old Age Pen.	62,348.27		
From Other Prov.—Blind Pen.	4.78	62,353.05	
From Municipalities re 1936-37 Old Age Pension	215,460.61	215,460.61	
			9,843,817.65

OLD AGE PENSIONS AND BLIND PENSIONS

Fiscal Year 1937 - 1938

Counties	Old Age Pen.	Blind Pen.	Total
Brant	$ 85,385.61	$ 468.88	
Bruce	142,362.54	681.11	
Carleton	141,796.00	676.64	
Dufferin	54,518.68	211.70	
Dundas	15,721.95	58.06	
Elgin	138,925.52	495.82	
Essex	188,039.96	529.55	
Frontenac	101,952.01	87.33	
Glengarry	23,423.14	303.23	
Grey	163,775.29	470.06	
Haldimand	70,595.08	263.42	
Halton	92,208.32	185.16	
Hastings	208,109.32	556.38	
Huron	182,578.08	571.27	
Kent	152,482.81	703.12	
Lambton	128,230.34	825.18	
Lanark	113,168.09	578.99	
Leeds and Grenville	177,517.09	853.44	
Lennox and Addington	101,691.58	338.39	
Lincoln	117,766.31	453.07	
Middlesex	176,081.83	464.41	
Norfolk	133,106.14	852.26	
Northumberland and Durham	254,110.24	1,005.72	
Ontario	162,570.28	605.36	
Oxford	95,775.29	100.00	
Peel	96,424.50	229.81	
Perth	87,044.63	324.34	
Peterborough	93,350.54	154.78	
Prescott and Russell	186,446.10	1,090.56	
Prince Edward	97,093.36	118.06	
Renfrew	204,044.69	981.30	
Simcoe	388,311.85	1,397.14	
Stormont, Dundas and Glengarry	240,040.90	625.16	
Victoria	106,722.42	880.11	
Waterloo	130,929.49	128.38	
Welland	145,873.54	211.29	
Wellington	121,200.46	576.58	
Wentworth	119,904.19	208.42	
York	598,985.56	2,576.29	
	$5,838,263.73	21,840.77	5,860,104.50

Towns	**Old Age Pen.**	**Blind Pen.**	**Total**
Brockville	$ 48,712.21	$	
Gananoque	20,136.05	140.58	
Ingersoll	22,637.39		
Prescott	10,758.53	71.61	
St. Mary's	16,443.98	96.67	
Smith's Falls	26,063.55	374.32	
Timmins	20,557.38	126.00	
Trenton	35,114.57	294.67	
	$200,423.66	$1,103.85	$201,527.51

Cities	**Old Age Pen.**	**Blind Pen.**	**Total**
Belleville	$ 51,615.31	$ 521.24	
Brantford	164,249.30	854.76	
Chatham	68,240.03	181.00	
Fort William	43,787.79	285.36	
Galt	67,313.23	156.13	
Guelph	76,994.33	173.18	
Hamilton	550,379.48	3,491.58	
Kingston	99,333.29	703.10	
Kitchener	81,907.59		
London	310,005.84	1,667.54	
Niagara Falls	47,657.92	124.00	
North Bay	43,347.09	129.03	
Oshawa	66,249.91	57.42	
Ottawa	472,382.82	2,466.69	
Owen Sound	63,347.96	194.32	
Peterborough	90,599.51	681.96	
Port Arthur	44,522.71	122.16	
St. Catharines	85,886.80	223.44	
St. Thomas	62,572.66	254.93	
Sarnia	59,065.01		
Sault Ste. Marie	65,151.57	371.25	
Stratford	74,080.31	368.19	
Sudbury	38,009.08		
Toronto	2,390,916.87	11,129.07	
Welland	18,315.85		
Windsor	274,201.50	937.68	
Woodstock	42,537.17	434.58	
	$5,452,670.93	$ 25,528.61	$5,478,199.54

Districts	Old Age Pen.	Blind Pen.	Total
Algoma	$ 120,253.61	264.78	
Cochrane	77,426.91	181.29	
Haliburton	39,056.21	72.26	
Kenora	52,268.61	156.77	
Manitoulin	31,209.44	227.87	
Muskoka	95,137.50	196.06	
Nipissing	123,159.88	753.88	
Parry Sound	121,786.62	645.03	
Pelee Island	2,320.16		
Rainy River	66,212.23		
Sudbury	105,927.39	166.00	
Thunder Bay	34,232.52	40.00	
Temiskaming	91,659.25	214.84	
	$960,650.33	$2,918.78	$ 963,569.11

Other Provinces	Old Age Pen.	Blind Pen.	Total
Ontario	$ 2,130.60		
Alberta	13,278.50		
British Columbia	8,289.24		
Manitoba	20,607.13		
Saskatchewan	38,164.03		
Nova Scotia	1,314.00		
Quebec	18,851.45		
New Brunswick	458.40		
	$102,553.35		$ 102,553.35

Inter-Provincial	Old Age Pen.	Blind Pen.	Total
Alberta	$ 6,250.78		
British Columbia	9,889.56		
Manitoba	6,959.37		
Saskatchewan	8,142.85		
Nova Scotia	687.84		
Prince Edward Island	30.39		
New Brunswick	368.01		
Quebec	11,722.58	9.73	
	$ 44,051.38	$ 9.73	$ 44,061.11
	$12,598,613.38	$51,401.74	$12,650,015.12

Details of Receipts and Disbursements

MOTHERS' ALLOWANCES

Total Cheques Issued	$ 4,871,493.00	
Less Cancelled Cheques	17,096.00	
		4,854,397.00
Net Allowances Paid		4,851,641.50
Less Cash Refunds		2,755.50
Payable by Province of Ontario		4,851,641.50
Payments Received from Municipalities on Account of 1936-37		430,782.82

Mothers' Allowances — Fiscal Year 1937-38

COUNTIES:

Brant	$ 16,575.00
Bruce	38,455.00
Carleton	41,680.00
Dufferin	9,505.00
Elgin	27,685.00
Essex	53,835.00
Frontenac	14,594.00
Grey	45,695.00
Haldimand	21,116.00
Haliburton	11,605.00
Halton	20,705.00
Hastings	54,905.00
Huron	33,900.00
Kent	37,110.00
Lambton	21,010.00
Lanark	26,635.00
Leeds and Grenville	38,075.00
Lennox and Addington	18,495.00
Lincoln	25,258.00
Middlesex	37,525.00
Norfolk	34,715.00
Northumberland and Durham	56,256.00
Ontario	33,943.00
Oxford	18,735.00
Peel	19,922.50
Perth	13,435.00
Peterborough	26,170.00
Prescott and Russell	84,820.00
Prince Edward	14,995.00
Renfrew	84,155.00
Simcoe	135,878.00
Storrington, Dundas and Glengarry	132,585.00
Victoria	28,085.00
Waterloo	33,510.00
Welland	54,000.00
Wellington	31,444.00
Wentworth	20,525.00
York	336,220.50
	$ 1,753,757.00

TOWNS:

Brockville	$ 12,280.00
Gananoque	6,210.00
Ingersoll	9,140.00
Prescott	3,905.00
Smith's Falls	5,840.00
St. Mary's	5,935.00
Trenton	9,115.00
Indian Reserves	7,973.00
	$ 60,398.00

CITIES:

Belleville	$ 35,295.00
Brantford	55,975.00
Chatham	27,350.00
Fort William	54,310.00
Galt	20,195.00
Guelph	36,560.00
Hamilton	279,756.00
Kingston	50,845.00
Kitchener	46,180.00
London	107,170.00
Niagara Falls	34,775.00
North Bay	37,580.00
Oshawa	35,964.00
Ottawa	227,080.00
Owen Sound	28,610.00
Peterborough	52,210.00
Port Arthur	32,675.00
St. Catharines	51,470.00
St. Thomas	32,390.00
Sarnia	21,440.00
Sault Ste. Marie	41,925.00
Stratford	31,760.00
Sudbury	37,755.00
Toronto	1,073,355.00
Welland	18,585.00
Windsor	153,982.00
Woodstock	14,360.00
	$ 2,639,552.00

DISTRICTS:

Algoma	$ 27,780.00
Cochrane	78,450.00
Kenora	19,860.00
Manitoulin	11,365.00
Muskoka	31,270.00
Nipissing	48,920.00
Parry Sound	35,235.00
Rainy River	24,170.00
Sudbury	52,710.00
Temiskaming	55,725.00
Thunder Bay	15,205.00
	$ 400,690.00
	$ 4,854,397.00

FINANCIAL STATEMENT — CHILDREN'S AID SOCIETIES

RECEIPTS

	From Munici-pality	Outside Munici-pality	Parents and Others	Prov. Grant	Prov. Mileage	Prov. Wards	Munici-pality Grants	Donations and Interest	Other	Total Receipts
Algoma	$ 10,078.44	$ 57.00	$ 273.00	$ 1,000.00	$ 565.81	$ 5,929.01		$ 1,872.65	$ 2,015.01	$ 21,790.95
Brant	15,384.11	443.70	651.45	1,000.00	37.70		3,000.00	2,688.82	5,663.36	28,869.11
Bruce			160.00	500.00	320.34		4,500.00	682.90		6,163.24
Cochrane	2,993.35	23.25	158.10	1,000.00	694.67	5,703.25	1,661.00	2,636.09		14,869.71
Dufferin	2,238.42	347.17		1,000.00	37.72	434.06	600.00	20.00		4,677.37
Elgin	8,343.06	293.84	41.00	1,000.00	83.46	16.25	900.00	726.51	1,502.30	12,906.42
Frontenac	11,011.87	1,300.52		999.98	90.03	600.50	581.00	2,259.80		16,843.70
Fort William	5,366.25		21.25	500.00	59.50	2,691.75		1.30	74.92	8,714.97
Grey	5,337.58			1,000.00	186.74	329.58	4,700.00	302.00		11,855.90
Haldimand	9,949.60	272.10		1,000.00	122.60			300.66		11,644.96
Hamilton	58,719.48	2,299.17	806.82	1,500.00	278.00			10,961.33		74,564.80
Hastings	14,817.95	600.05	129.71	916.74	112.85			22.50		16,629.80
Huron	4,750.00			500.00	214.06			60.00		5,524.06
Kenora			45.00	91.63		725.00		250.00	15.00	1,126.63
Kent	4,148.36		31.00	1,000.00	40.74		7,530.00	1,577.83		14,327.93
Lambton	140.50		18.00	100.00	151.38	210.00	5,500.00	1,367.90	71.25	7,559.03
Lanark	3,150.18	182.50	15,00	1,000.00	140.44			512.42		5,000.54
Leeds and Grenville	24,353.73	864.00	1,148.49	1,500.00	332.09		365.00	4,911.47		33,174.78
Lennox and Addington	9,451.75	954.65	13.50	1,000.00	29.35			417.20	12.50	11,878.95
Lincoln	13,853.89	857.53	111.25	1,000.00	18.66			22.08	162.91	16,026.32
London and Middlesex	38,310.24	682.63	1,120.51	1,500.00	47.78			3,109.55		44,770.71
Manitoulin										
Muskoka	720.00	309.27		1,000.00	596.81		195.00	1012.73	123.00	3,956.81
Niagara Falls			135.56	100.00	11.67		3,250.00	1,025.00	23.70	4,545.93
Nipissing	7,884.62		562.65	1,000.00	718.97	1,528.75		530.00		12,224.99
Norfolk	15,329.91	782.23	185.28	1,000.00	104.80			1,038.37	321.11	18,761.70
Northumberland and Durham	7,169.25	2,394.55	144.55	1,000.00	235.24			837.69	109.90	11,891.18
Ontario	13,981.06	1,443.81		1,000.00					33.96	16,428.83
Ottawa and Carleton	48,393.04	2,054.90	5,419.17	1,500.00	58.14		4,700.00	10,726.63		72,851.88
Oxford	12,424.28	1,029.39	244.54	1,000.00	45.17			650.05	163.05	15,556.48
Parry Sound	776.75		344.55	1,000.00	902.37	5,711.66		50.65		8,785.98
Peel and Halton	7,565.25	319.05		1,000.00	211.54			10.00	6.50	9,112.31
Perth				500.00			4,200.00	871.49	232.00	5,803.49
Peterborough	7,243.14	30.40		500.00	19.31			1,496.55	22.40	9,341.83
Port Arthur	3,000.00	27.00	23.00	458.37	68.58	858.15		3.09	17.00	4,155.19
Prescott and Russell	15,164.25		262.69	500.00	372.47			22.00		16,321.41
Prince Edward	6,024.75	1,019.25		1,000.00				240.47		8,284.47
Rainy River	147.00			466.74	463.50	81.00		478.61	50.00	1,686.85
Renfrew	10,243.28	175.75	62.00	1,000.00	751.41		1,133.50	3.00	540.24	13,912.18
Simcoe	25,735.44	250.50		916.74	552.52			45.00		27,500.20
Stormont, Dundas and Glengarry	6,800.50	132.00	278.18	544.63	128.04			1.50	295.62	8,177.47
Sudbury	5,573.68	1,705.05	146.43	1,500.00	546.01	7,509.00		1,106.57		18,086.74
Temiskaming		4,443.85		1,000.00	343.26	8,232.00	250.00	2,439.99		16,709.10
Toronto	219,226.57	9,824.86	9,365.39	1,500.00		1,167.61		63,469.59		304,554.02
Victoria and Haliburton	12,506.77	1,186.10	125.57	1,000.00	2.80		55.85	25.00	70.00	14,972.09
Waterloo	13,664.04	39.00	610.75	1,000.00	688.43			24.16		16,026.38
Welland	15,926.09	680.60	1,535.97	1,000.00	33.75	36.85	759.61	268.62	483.68	20,725.17
Wellington	10,830.50			1,000.00				1,399.90		13,230.40
Wentworth	8,027.82	731.00	122.50	500.00						9,381.32
Windsor and Essex—Protestant	33,539.13	216.50	934.29	1,000.00			2,474.91	456.93		38,621.76
Windsor and Essex—R.C.	31,734.94			1,000.00				1,865.01		34,599.95
York	6,683.05	864.50	2,393.61	1,500.00	203.63	687.47	42,600.00	3,575.69	315.48	58,823.43
St. Vincent de Paul	66,602.10	3,547.29	799.50	1,500.00		563.25		9,188.24	234.29	82,434.67
TOTAL	$855,345.97	$42,354.96	$28,440.26	$48,091.83	$10,655.37	$43,015.17	$88,955.87	$137,565.54	$12,559.18	$1,266,984.15

FINANCIAL STATEMENT — CHILDREN'S AID SOCIETIES — *Continued*

DISBURSEMENTS

	Shelter	Bdg. Homes	Other	Total	Days' Shelter	Care Bdg. Homes	Cost Per Day	
							Shelter	Bdg. Homes
Algoma	$ 10,416.40	$ 5,034.71	$ 4,058.69	$ 19,509.80	13,861	9,491	.75	.53
Brant	3,313.63	8,087.31	14,094.25	25,495.19	2,667	12,592	1.24	.64
Bruce	2,052.36	71.00	3,073.89	5,197.25	3,146	210	.65	.33
Cochrane	5,086.47	8,927.67	855.57	14,869.71	6,839	11,098	.74	.80
Dufferin		2,590.31	2,208.21	4,798.52		4,729		.54
Elgin	1,037.10	6,242.48		7,279.58	1,130	10,319	.91	.60
Frontenac		10,720.98	2,890.20	13,611.18		14,367.		.74
Fort William	4,825.91	2,179.71	1,216.74	8,222.36	6,707	3,460	.72	.63
Grey	4,227.48	2,204.91	3,515.77	9,948.16	4,345	2,983	.97	.74
Haldimand		10,862.53	445.97	11,308.50		12,729		.85
Hamilton	3,601.79	59,245.83	13,321.65	76,169.27	2,558	69,680	1.41	.85
Hastings	3,339.17	13,723.38	1,016.67	18,079.22	1,327	22,928	2.51	.59
Huron	2,307.16	386.73	2,860.17	5,554.06	2,504	730	.92	.52
Kenora		490.00	419.84	909.84		1,495		.32
Kent	8,638.58	1,857.60	4,549.28	15,045.46	7,476	2,437	1.16	.76
Lambton		4,136.17	2,204.83	6,341.00		5,367		.77
Lanark		3,115.20	2,002.99	5,118.19		4,885		.64
Leeds and Grenville	10,813.16	17,981.32	4,757.94	33,552.42	11,100	25,791	.97	.70
Lennox and Addington		8,463.66	1,831.37	10,295.03		12,621		.67
Lincoln		14,822.67	824.05	15,646.72		19,492		.76
London and Middlesex	9,468.36	23,281.25	11,694.09	44,443.70	12,383	37,314	.76	.62
Manitoulin								
Muskoka		1,029.27		1,029.27		2,495		.41
Niagara Falls	3,576.60	742.00	291.28	4,609.88	3,635	1,782	1.06	.41
Nipissing	3,629.81	2,677.69	6,800.70	13,108.20	7,594	5,093	.47	.52
Norfolk		14,644.63	4,362.39	19,007.02		19,019		.77
Northumberland and Durham	4,760.84	4,673.84	2,717.85	12,152.53	4,858	7,792	.85	.60
Ontario	10,240.45	5,819.61		16,060.06	7,626	4,339	1.34	1.34
Ottawa and Carleton		44,933.36		44,933.36		65,705		.79
Oxford	3,705.31	9,185.29	2,559.20	15,449.80	4,771	15,888	.77	.57
Parry Sound	2,592.36	5,018.34	1,775.00	9,385.70	4,135	7,886	.58	.63
Peel and Halton		6,000.25	3,125.73	9,125.98		10,330		.58
Perth	2,388.75		3,414.75	5,803.50	2,380		1.00	
Peterborough	4,027.35	2,688.02	2,890.91	9,606.28	6,613	3,119	.60	.86
Port Arthur	3,393.65	459.91	851.32	4,704.88	4,360	785	.77	.58
Prescott and Russell		9,429.13	2,876.05	12,305.18		20,219		.46
Prince Edward		6,319.96	1,658.59	7,978.55		9,392		.67
Rainy River		209.75	1,187.45	1,397.20		361		.58
Renfrew	2,414.02	4,859.40	4,738.54	12,011.96	3145,	11,686	.76	.41
Simcoe	2,219.40	27,291.98	4,966.46	34,477.84	5,360	37,126	.41	.73
Stormont, Dundas and Glengarry		5,859.69	1,877.38	7,737.07		9,666		.60
Sudbury	10,356.20	5,680.54	3,749.67	19,786.41	11,572	8,551	.89	.68
Temiskaming	3,500.70	9,279.10	3,775.59	16,555.39	5,038	12,375	.69	.75
Toronto	14,214.25	256,164.45	38,599.12	308,977.82	6,891	311,585	2.06	.82
Victoria and Haliburton		11,934.37	1,761.04	13,695.41		17,463		.68
Waterloo	6,212.24	5,372.86	4,734.22	16,319.32	10,829	8,346	.57	.64
Welland	5,954.54	11,201.93	2,797.99	19,954.46	5,252	15,858	1.13	.76
Wellington	6,174.19	2,989.06	3,361.95	12,525.20	9,750	4,690	.63	.63
Wentworth	5,423.88	2,646.07	1,311.37	9,381.32	6,100	3,385	.84	.78
Windsor and Essex—Protestant		30,503.95	6,510.54	37,014.49		38,442		.79
Windsor and Essex—R.C.	5,418.19	28,066.67	53.22	33,538.08	5,483	36,910	.98	.76
York	5,954.52	42,805.73	8,958.64	57,718.89	4,922	58,160	1.21	.74
St. Vincent de Paul	3,579.91	66,645.87	13,859.74	84,085.52	1,182	89,303	3.03	.73
TOTAL	$178,864.73	$829,558.14	$213,408.86	$1,221,831.73	198,139	1,122,475	.981	.664

SOLDIERS' AID COMMISSION

Statement of Receipts and Expenditures

No. 1 Account (Operating)

APRIL 1st, 1937 TO 31st MARCH, 1938

RECEIPTS

Balance in hand		$ 3,991.08
From Provincial Treasurer	$ 19,180.00	
From Provincial Treasurer (Salary Cheques)	10,820.00	30,000.00
		$ 33,991.08

EXPENDITURES

Office Salaries	$ 10,820.00	
Postages	151.13	
Car Tickets	70.00	
Stationery	160.15	
Telegraph and Telephone	91.16	
Travelling Expenses	2,533.81	
Miscellaneous Expenses	248.10	
		$ 14,074.35
(RE WARDS)		
Clothing	280.15	
Maintenance	1,290.26	
Medical and Dental	146.65	
Miscellaneous Expenses	17.44	
		$ 1,734.50
Transfer of Funds to No. 2 Acct. (Assistance Account)		9,500.00
Transfer of Funds to Land Settlement Account		3,393.28
		$ 28,702.13
Balance at Bank		5,288.95
		$ 33,991.08

Relief Estates and Trust Funds

Accounts No. 2, No. 8 (Hammond Estate), Childrens (Ward) Trust Account, and Estates of Hales, Croft, McNab and Scott.

APRIL 1st, 1937 TO 31st MARCH, 1938

Statement of Receipts

Balance brought forward from 1936-7 Statement.			
Investments			$107,445.85
Cash in Bank			9,562.00
			$117,007.85
LESS—Two $1,000 Bonds matured		$ 2,000.00	
Sale of 3 $1,000 Bonds		3,482.90	
Reduction of Mortgage (Croft)		200.00	
Reduction in assessment of Croft property		1,000.00	6,682.90
			$110,324.95
RECEIPTS			
No. 2 Account—(Emergency Assistance)			
Transfer from No. 1 Account		$ 9,500.00	
Canteen Fund		109.00	
Other Sources		46.00	
Miscellaneous		6.90	
		$ 9,661.90	
HALES ESTATE		22.50	
McNAB ESTATE		54.27	
SCOTT ESTATE		603.36	
CROFT ESTATE		484.89	
HAMMOND ESTATE—Bank Interest	$ 86.76		
National Trust Co.	7,138.19		
Bond Coupons	3,227.50		
Two Bonds ($1,000) Matured	2,000.00		
		$ 12,452.45	
CHILDRENS (WARD TRUST ACCOUNT)			
Interest on Bonds	$1,155.00		
Department of Pensions and N. H. and incidentals	818.78		
Receipt on sale of three $1,000 Bonds	3,482.90		
		5,456.68	
			28,736.05
			$139,061.00

Statement of Expenditures

APRIL 1st, 1937 TO 31st MARCH, 1938

NO. 2 ACCOUNT			
RELIEF—(Emergency Assistance)			
Gratuities	$ 10,760.01		
Less Refunds	98.66	$ 10.661.35	
Canteen Fund		109.00	
Other Sources		46.00	
Miscellaneous (Goat Account)		88.00	
			$ 10,901.35
HALES ESTATE, Grants			94.32
McNAB ESTATE, Grants			150.59
SCOTT ESTATE, Grants			378.25
CROFT ESTATE, Tax Arrears			1,031.42
HAMMOND ESTATE, Grants		$ 1,962.80	
(Legal Fees)		1,700.00	
			3,662.80
WARDS TRUST ACCT. — (Childrens Trust) Payments			5,586.45
			$ 21,808.18

ASSETS

CROFT ESTATE		
South ½ of Lot 5, Plan 818, W. of Younge St., Toronto. Property assessed at	$ 15,000.00	
Fryers Mortgage	2,250.00	
	$ 17,250.00	
INVESTMENTS		
Hammond Estate	80,617.41	
Wards Trust Account	14,108.00	
	$112,975.41	
Balance at Bank	5,277.41	
		$117,252.82
		$139,061.00

SOLDIERS' AID COMMISSION OF ONTARIO

Land Settlement Account

(BARRIE PROPERTY)

Statement of Receipts and Expenditures

1st APRIL, 1937 TO 31st MARCH, 1938

RECEIPTS

PROPERTY		
Lot No. 2, N. ½ of Lot No. 3 and part of Lot No. 4, Con. 14, Township of Innisfil, Ont. Purchase price		$ 2,993.00
Special grants		13,750.28
		$ 16,743.28

EXPENDITURES

MISCELLANEOUS		
(Supervisor, Seeds, Fertilizer, Cultivation, Etc.)		$ 1,711.48
ASSETS		
Land with improvements	$ 5,603.96	
Buildings	6,169.00	
Equipment	300.00	
		12,072.96
		$ 13,784.44
Balance at Bank		2,958.84
		$ 16,743.28

JENKINS & HARDY
Accountants and Auditors
1305 Metropolitan Building, Toronto, Canada

March 15th, 1938.

The President and Members,
Ontario Society of Crippled Children,
15 Queen's Park,
Toronto, Ontario.

Dear Sirs:—

We have audited the books and accounts of the Ontario Society for Crippled Children for the year ended February 28, 1938, and have prepared therefrom the attached statements:

1. Receipts and Disbursements of the Society for the year ended February 28, 1938.
2. Receipts and Disbursements of Blue Mountain Camp for the year ended February 28, 1938.
3. Statement of Assets and Liabilities as of February 28, 1938.

You will note that the receipts of the Society for the year exceeded the current disbursements by $888.50. This has been deducted from the overdraft brought forward at the beginning of the year of $1,285.25, leaving an overdraft at February 28, 1938, of $396.65.

In the course of our audit we have seen vouchers for all disbursements and have confirmed the bank overdraft. The revenue from membership fees and subscriptions is shown as recorded in the books and while we believe it to be accurate, have not made any other verifications. The net revenue from the Foundation Fund has not been reconciled with the records of the Foundation Fund.

The assets and liabilities have been set up in the statement from an inventory furnished by your Executive Secretary. Depreciation on same has been calculated at following rates:

On furniture and equipment—10% per annum.

On buildings—5% per annum.

On automobiles—25% per annum first year.

On automobiles—20% per annum succeeding years.

Subject to the foregoing we hereby certify that in our opinion the attached statement correctly sets forth the receipts and disbursements of the Society and of the Blue Mountain Camp for the year ended February 28, 1938.

Yours truly,

(Sgd). JENKINS & HARDY,
Auditors.

ONTARIO SOCIETY FOR CRIPPLED CHILDREN

Statement of Assets and Liabilities

February 28, 1938

ASSETS

Cash in Bank—Blue Mountain Camp Fund		$ 487.98
Furniture and equipment at Toronto	$ 2,659.36	
Less reserve for depreciation	637.14	2,022.22
Furniture & equipment at Children's Hospital, London, Ont.	148.00	
Less reserve for depreciation	22.80	125.20
Furniture and equipment at Blue Mountain Camp, Collingwood, Ont.	1,167.78	
Less reserve for depreciation	116.78	1,051.00
Buildings at Blue Mountain Camp	4,400.00	
Less reserve for depreciation	220.00	4,180.00
Automobiles (5)	4,340.00	
Less reserve for depreciation	827.50	3,512.50
		$ 11,378.90

LIABILITIES

Bank Overdraft	$ 396.65
Instalments payable on automobiles	245.34
Net equity in assets	10,736.91
	$ 11,378.90

Assets of Foundation Fund are not included in above.

ONTARIO SOCIETY FOR CRIPPLED CHILDREN

Receipts and Disbursements

Year Ended February 28, 1938

RECEIPTS			
Subscriptions and donations		$ 15,420.61	
Province of Ontario Grant		12,000.00	
Interest on Bank Account		27.61	
Membership fees as per schedule attached		887.50	
Revenue from Foundation Fund		2,614.27	
Revenue from advertising in "Horizon"		845.40	$ 31,795.39
DISBURSEMENTS			
HEAD QUARTERS			
Salaries	$ 9,170.75		
Travelling expenses of executive committee	567.70		
Subscriptions and memberships	50.00		
Postage, telephone and telegraphs	806.52		
Printing and stationery	1,209.84		
General expense	170.87		
Bank charges	1.69		
Furniture and equipment purchased	465.00	12,442.37	
DISTRICT NURSING			
Travelling, salaries and medical supplies	$ 7,931.40		
Purchase of automobiles	1,569.31		
Purchase of furniture	150.90	9,651.61	
Educational Publicity		3,979.71	
ALLOCATION being amounts expended for care of individual cases from unorganized territory		2,314.47	
Extension Work		1,218.72	
Vocational Training		392.90	
Advances to Blue Mountain Camp		907.01	30,906.79
Excess of receipts over disbursements			$ 888.60
Deduct overdraft carried forward from Feb. 28, 1937			1,285.25
Bank overdraft February 28th, 1938			$ 396.65

ONTARIO SOCIETY FOR CRIPPLED CHILDREN

BLUE MOUNTAIN CAMP

Receipts and Disbursements

RECEIPTS		
Subscriptions and donations	$ 1,313.05	
Provincial Government Grant	343.20	
Advances from General Fund	907.01	
Bank Interest	.32	
Refund on Railway Tickets	5.10	$ 2,568.68
DISBURSEMENTS		
Transportation	$ 103.41	
Equipment	289.66	
Supplies	1,053.05	
Insurance	44.10	
Salaries	590.33	
Bank Charges	.15	$ 2,080.70
Cash in Bank, December 31, 1937		$ 487.98

CLUB MEMBERSHIP FEES RECEIVED

During the Year Ended February 28, 1938

KIWANIS	
Midland	$ 16.50
ROTARY CLUBS	
Smiths Falls	15.00
St. Catharines	38.50
Mimico - New Toronto	14.00
Preston	19.50
Cobourg	19.50
Stratford	30.00
Niagara Falls	31.00
Kitchener - Waterloo	46.50
Bowmanville	19.00
Sarnia	19.00
Sault Ste. Marie	20.50
Guelph	23.00
Simcoe	15.00
Ottawa	178.00
Ridgetown	11.50
Hamilton	10.00
St. Mary's	17.00
Woodstock	25.00
Blenheim	12.50
Brantford	35.00
Kingston	22.00
Kenora	17.00
North Bay	25.00
Brockville	27.00
Lindsay	20.00
LIONS CLUBS:	
Leamington	25.00
Petrolia	18.00
Seaforth	19.00
Port Colborne	23.50
Goderich	15.00
Newmarket	25.00
Georgetown	5.00
OTHER:	
Big Sister Association	5.00
Rameses Temple, The Shrine	25.00
	$ 887.50

LIST OF SERVICE CLUBS WHO HAVE CONTRIBUTED TO SPECIAL NURSING FUND

February 28th, 1938

St. Catharines Rotary	$ 150.00	Kenora Rotary	$ 68.00
Stratford Rotary	120.00	Guelph Kiwanis	25.00
Kitchener-Waterloo Rotary	200.00	St. Mary's Rotary	17.00
Orillia Kiwanis	80.00	Owen Sound Kiwanis	25.00
Chatham Rotary	100.00	London Rotary	200.00
Leamington Lions	50.00	Mocha Temple Shrine, London	200.00
Gananoque Rotary	35.00	Oshawa Rotary	25.00
Preston Rotary	78.00	Pembroke Kiwanis	38.00
Peterborough Rotary	125.00	Simcoe Lions	23.50
Kiwanis of Galt	50.00	Port Hope Rotary	42.00
Bowmanville Rotary	100.00	Blenheim Rotary	32.50
St. Catharines Lions	100.00	Brantford Rotary	100.00
Belleville Kiwanis	50.00	Niagara Falls Rotary	126.00
Campbellford Rotary	21.25	Kemptville Rotary	25.00
Hamilton Big Sisters	50.00	Simcoe Rotary	55.00
Cobourg Rotary	80.00	Niagara Falls Kiwanis	50.00
Strathroy Lions	30.15	Seaforth Lions	50.00
Cornwall Kiwanis	50.00	Dunnville Lions	80.00
	$1,469.40		$1,182.00

TOTAL $ 2,651.40

1,469.40

NOTE: West Toronto Kiwanis Club contributed a car.
Rameses Temple Shrine, Toronto, contributed a car.
Contributions secured through the efforts of Mr. J. M. Watt, of London, made the purchase of a car for London District possible.

STATISTICAL REPORTS

Part III.

STATISTICAL REPORT OF OLD AGE PENSIONS — 1937, 1938 — (FISCAL)

Counties	NUMBER OF PENSIONS										ELIGIBLE													RECONSIDERED					INELIGIBLE									
											Sex		Civil Status				Age				Nationality																	
	March 31, 1937	Applications Received	Applications Pending	Reinstatements & Transfers	Pensions Granted (New)	Pensions Refused or Cancelled	March 31, 1938	Full Pension	Part Pension	Total Pensions Granted	Male	Female	Single	Married	Widow or Widower	Separated	70 – 75	76 – 80	81 – 85	86 and Over	Canadian Born	British Born	Foreign Born	Cancelled, Death, Etc.	Reductions	Increases	Reinstatements	Former Decision Sustained	Total Ineligible	Assets—Other than Property	Transfer of Property	Earnings	Not 70 Years of Age	Parents' Maintenance Act	Residence	Property	Not a British Subject	Other Reasons
Brant	372	....	....	2	62	40	396	53	9	62	29	33	5	34	23	....	46	8	5	3	45	16	1	40	1	10	2	1	3	....	1	....	.....	....	....	2	....	....
Bruce	649	....	....	2	109	75	685	75	34	109	60	49	21	52	36	....	78	11	8	12	86	21	2	75	4	39	2	2	14	1	1	....	3	2	3	1	....	3
Carleton	664	....	....	9	91	96	668	65	26	91	46	45	9	48	34	....	71	15	4	1	81	6	4	96	6	50	9	8	22	7	3	....	4	3	1	1	1	2
Dufferin	254	....	....	1	48	35	268	44	4	48	30	18	8	23	17	....	38	9	1	.....	41	7	.....	35	2	19	1	....	2	....	....	1	1	....	....	....	....	....
Dundas ....Jan. '38	289	....	....	......	5	1	293	5	....	5	3	2	1	3	1	....	4	......	......	1	5	......	......	1	1	6	......	1	4	....	....	....	2	....	2	....	....	....
Elgin	643	....	....	7	75	78	647	64	11	75	44	31	5	44	26	....	56	9	3	7	61	11	3	78	15	28	7	1	9	1	....	....	4	3	....	1	....	....
Essex	834	....	....	20	125	91	888	79	46	125	68	57	15	78	32	....	98	20	5	2	99	16	10	91	6	46	20	10	13	3	2	....	4	1	1	....	....	2
Frontenac	475	....	....	3	61	50	489	30	31	61	35	26	5	27	29	....	42	11	7	1	56	5	.....	50	4	33	3	4	13	3	2	....	6	1	....	....	....	1
Glengarry......Jan. '38	438	....	....	......	12	9	441	6	6	12	6	6	1	10	1	....	5	5	2	......	11	...	1	9	......	10	......	1	2	....	1	....	.....	....	....	....	....	1
Grey	747	....	....	5	108	94	766	75	33	108	58	50	19	47	42	....	87	12	5	4	93	15	.....	94	10	43	5	4	13	3	2	....	5	3	....	....	....	....
Haldimand	314	....	....	1	53	35	333	36	17	53	27	26	8	22	23	....	41	7	4	1	46	5	2	35	1	22	1	....	2	1	....	....	.....	....	....	1	....	....
Halton	408	....	....	1	58	36	431	37	21	58	38	20	5	28	25	....	48	4	3	3	43	15	.....	36	3	23	1	2	8	2	1	....	1	2	1	1	....	....
Hastings	969	....	....	6	148	117	1006	94	54	148	68	80	16	69	63	....	115	17	13	3	135	12	1	117	5	73	6	11	31	3	5	1	15	2	....	....	1	4
Huron	815	....	....	4	148	108	859	96	52	148	64	84	11	75	62	....	114	23	5	6	127	8	3	108	4	41	4	6	20	2	3	....	5	6	3	....	1	...
Kent	700	....	....	6	109	79	736	87	22	109	62	47	9	66	34	....	88	14	6	1	88	18	3	79	3	38	6	2	10	2	1	1	2	1	3	....	....	..
Lambton	579	....	....	5	98	85	597	68	30	98	49	49	10	47	41	....	72	16	6	4	80	17	1	85	6	44	5	4	7	2	....	....	3	1	1	....	....	.
Lanark	523	....	....	4	54	53	528	40	14	54	19	35	11	20	23	....	33	9	7	5	49	4	1	53	3	36	4	5	7	2	1	....	2	1	....	....	....	1
Leeds and Grenville	808	....	....	3	134	105	840	97	37	134	67	67	17	65	52	....	91	23	11	9	128	6	......	105	10	55	3	4	14	2	....	....	3	1	3	1	....	1
Lennox and Addington	458	....	....	2	77	47	490	54	23	77	46	31	12	38	27	....	51	16	7	3	75	1	1	47	8	34	2	5	7	3	....	....	3	1	....	....	....	..
Lincoln	503	....	....	3	79	54	531	52	27	79	40	39	5	41	33	....	64	7	3	5	60	13	6	54	2	25	3	4	15	1	1	....	1	6	3	2	....	1
Middlesex	800	....	....	4	101	90	815	87	14	101	51	50	17	49	35	....	78	16	6	1	87	11	3	90	3	31	4	3	7	1	3	....	1	....	....	2	....	....
Norfolk	599	....	....	7	77	88	595	70	7	77	43	34	6	48	23	....	62	8	4	3	68	8	1	88	7	23	7	1	7	....	1	1	5	....	....	....	....	....
Northumberland and Durham	1133	....	....	7	219	147	1212	152	67	219	108	111	25	107	87	....	157	38	15	9	194	23	2	147	4	60	7	13	16	4	2	....	3	2	1	3	....	1
Ontario	718	....	....	6	102	94	732	76	26	102	58	44	15	48	39	....	75	19	6	2	82	20	......	94	6	29	6	2	8	3	1	....	2	....	1	1	....	....
Oxford	451	....	....	4	57	55	457	38	19	57	29	28	9	27	21	....	46	7	3	1	43	12	2	55	......	31	4	2	6	3	....	1	......	....	1	1	....	..
Peel	425	....	....	2	57	43	441	45	12	57	34	23	8	33	16	....	49	7	1	......	33	24	......	43	2	29	2	3	2	1	....	....	.....	...	....	....	....	1
Perth	404	....	....	1	58	57	406	41	17	58	29	29	10	23	25	....	45	4	5	4	52	5	1	57	2	22	1	11	7	2	2	....	2	...	....	....	....	1
Peterborough	431	....	....	8	58	56	444	38	20	58	31	27	10	30	18	....	46	7	3	2	52	5	1	56	3	30	7	12	9	1	1	....	6	1	....	....	....	....
Prescott and Russell	845	....	1	26	157	113	915	90	67	157	80	77	11	93	53	....	122	22	9	4	150	4	3	113	6	88	26	23	32	7	7	....	4	12	1	1	....	....
Prince Edward	465	....	....	1	42	52	456	29	13	42	22	20	2	29	11	....	29	8	2	3	40	2	.....	52	.....	32	1	4	5	2	1	....	1	1	....	....	....	...
Renfrew	940	....	....	10	153	117	986	91	62	153	82	71	12	73	68	....	107	27	13	6	114	5	34	117	4	74	10	8	14	....	2	....	9	1	....	....	2	....
Simcoe	1743	...	1	16	239	213	1785	171	68	239	126	113	23	129	87	....	190	27	13	9	206	30	3	213	7	120	16	14	14	4	1	....	7	....	1	1	....	....
Stormont....Jan. '38	565	....	....	......	14	14	565	10	4	14	5	9	2	7	5	....	10	4	......	......	12	2	......	14	2	14	......	3	2	....	....	....	......	....	2	....	....	....
See Marginal Summary	....	....	....	......	....	122C																																
Stormont, Dundas and Glengarry	1332	....	....	2	122	1334T	1456	91	31	122	66	56	15	60	47	....	86	25	9	2	114	3	5	....	2	91	2	11	20	4	2	....	5	4	2	1	1	1
Victoria	478	....	....	3	79	51	509	49	30	79	44	35	10	41	28	....	62	14	2	1	72	7	......	51	5	46	3	4	10	2	....	1	2	1	3	1	....	....
Waterloo	590	....	....	2	102	78	616	80	22	102	48	54	11	60	31	....	80	15	3	4	78	14	10	78	3	24	2	5	7	4	....	....	3	....	....	....	....	...
Welland	658	....	....	4	91	86	667	71	20	91	45	46	9	49	33	....	73	11	3	4	60	20	11	86	4	36	4	2	8	1	1	1	3	...	1	....	....	1
Wellington	555	....	....	8	87	75	575	58	29	87	42	45	11	37	39	....	65	8	11	3	75	12	.....	75	6	44	8	7	19	8	2	....	1	6	....	1	1	....
Wentworth	538	....	....	......	64	53	549	45	19	64	35	29	8	32	24	....	56	4	2	2	46	17	1	53	11	29	......	4	9	4	1	2	1	1	....	....	....	....
York	2688	....	1	13	351	318	2734	238	113	351	168	183	25	189	137	....	303	30	13	5	158	184	9	318	10	139	13	11	21	8	....	3	3	4	1	2	....	....
TOTAL	26511	....	3	208	3884	3252	27351	2727	1157	3884	2005	1879	432	2001	1451	....	2983	537	228	136	3145	614	125	3252	181	1667	208	218	439	97	51	12	122	69	38	22	7	21

STATISTICAL REPORT OF OLD AGE PENSIONS — 1937, 1938 — (FISCAL)

Cities	NUMBER OF PENSIONS										ELIGIBLE													RECONSIDERED					INELIGIBLE									
											Sex		Civil Status				Age				Nationality																	
	March 31, 1937	Applications Received	Applications Pending	Reinstatements & Transfers	Pensions Granted (New)	Pensions Refused or Cancelled	March 31, 1938	Full Pension	Part Pension	Total Pensions Granted	Male	Female	Single	Married	Widow or Widower	Separated	70 – 75	76 – 80	81 – 85	86 and Over	Canadian Born	British Born	Foreign Born	Cancelled, Death, Etc.	Reductions	Increases	Reinstatements	Former Decision Sustained	Total Ineligible	Assets—Other than Property	Transfer of Property	Property	Earnings	Not 70 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons
Belleville	224	....	....	1	28	17	236	22	6	28	11	17	3	13	12	....	19	6	2	1	23	5	......	17	2	13	1	3	3	....	1	....	......	2	....	....	....	....
Brantford	713	....	....	6	74	80	713	60	14	74	34	40	3	32	39	....	65	7	2	....	45	27	2	80	13	13	6	3	6	5	....	....	......	....	....	....	....	1
Chatham	295	....	....	1	34	32	298	28	6	34	19	15	5	17	12	....	26	6	2	....	28	5	1	32	2	7	1	3	3	....	....	....	......	1	2	....	....	....
Fort William	197	....	....	......	25	29	193	16	9	25	14	11	1	14	10	....	22	3	......	....	8	14	3	29	1	5	......	2	2	....	2	....	......	....	....	....	....	....
Galt	308	....	....	1	30	35	304	25	5	30	10	20	3	12	15	....	23	5	2	....	21	7	2	35	1	11	1	3	3	2	....	....	......	....	1	....	....	....
Guelph	351	....	....	4	41	55	341	29	12	41	22	19	4	26	11	....	35	3	2	1	28	12	1	55	1	16	4	2	13	5	....	....	1	3	1	3	....	....
Hamilton	2375	....	....	13	313	271	2430	247	66	313	149	164	26	169	118	....	262	37	8	6	146	150	17	271	15	82	13	13	23	7	4	1	1	1	1	3	1	4
Kingston	456	....	....	4	49	63	446	43	6	49	19	30	14	16	19	....	41	7	1	....	40	7	2	63	6	24	4	1	12	4	2	....	......	1	1	2	....	2
Kitchener	355	....	....	5	53	37	376	38	15	53	24	29	......	28	25	....	41	6	4	2	35	8	10	37	1	11	5	2	6	2	....	....	......	3	1	....	....	....
London	1336	....	1	10	166	143	1369	131	35	166	84	82	33	64	69	....	141	17	5	3	104	55	7	143	14	34	10	8	34	6	5	3	5	5	8	1	....	1
Niagara Falls	211	....	....	1	20	22	210	16	4	20	4	16	3	9	8	....	16	4	......	....	11	8	1	22	......	4	1	1	4	1	1	....	......	....	....	1	....	1
North Bay	185	....	....	3	27	16	199	25	2	27	14	13	1	13	13	....	25	2	......	....	19	7	1	16	2	6	3	....	6	1	1	....	......	2	....	1	....	1
Oshawa	287	....	....	2	41	28	302	33	8	41	26	15	3	23	15	....	36	4	1	....	24	16	1	28	....	14	2	3	6	1	1	....	1	....	2	....	1	....
Ottawa	2073	....	....	32	263	287	2081	230	33	263	113	150	26	113	124	...	222	25	10	6	205	35	23	287	7	74	32	3	27	10	....	1	......	7	4	3	....	2
Owen Sound	281	....	....	1	45	43	284	33	12	45	23	22	6	27	12	....	37	5	3	....	32	12	1	43	2	19	1	1	2	....	....	....	......	1	1	....	....	....
Peterborough	404	....	....	5	50	52	407	36	14	50	23	27	6	26	18	....	43	4	3	....	34	15	1	52	2	18	5	3	7	....	3	....	......	2	1	....	....	1
Port Arthur	196	....	....	......	21	18	199	15	6	21	10	11	3	6	12	....	18	2	1	....	7	8	6	18	1	11	......	2	3	....	1	....	1	1	....	....	....	....
St. Catharines	364	....	....	4	55	50	373	44	11	55	24	31	2	24	29	....	44	8	2	1	26	24	5	50	7	16	4	....	3	3	....	....	......	....	....	....	....	....
St. Thomas	287	....	....	2	33	42	280	32	1	33	17	16	4	12	17	....	24	6	3	....	22	10	1	42	4	9	2	2	2	1	1	....	......	....	....	....	....	....
Sarnia	258	....	....	2	33	37	256	26	7	33	17	16	5	19	9	....	26	5	......	2	24	9	......	37	2	8	2	1	2	1	....	1	......	....	....	....	....	....
Sault Ste. Marie	302	....	....	2	25	34	295	18	7	25	12	13	3	10	12	....	20	5	......	....	18	6	1	34	2	11	2	....	1	....	....	....	......	....	1	....	....	....
Stratford	327	....	....	1	42	32	338	34	8	42	22	20	6	18	18	....	34	4	3	1	28	12	2	32	3	14	1	2	6	....	2	....	1	....	2	1	....	....
Sudbury	172	....	....	2	15	30	159	14	1	15	10	5	4	8	3	....	15	......	......	....	11	3	1	30	......	8	2	1	4	....	....	....	......	....	2	1	....	1
Toronto	10464	....	....	57	1378	1193	10706	1106	272	1378	593	785	198	624	556	....	1196	127	44	11	680	569	129	1193	35	248	57	58	140	46	26	17	12	2	21	7	....	9
Welland	91	....	....	2	8	22	79	6	2	8	2	6	4	2	2	....	5	1	2	....	5	2	1	22	......	3	2	....	......	....	....	....	......	....	....	....	....	....
Windsor	1182	....	...	10	166	141	127	140	26	166	85	81	11	85	70	....	153	11	2	....	111	40	15	141	10	36	10	6	9	....	....	2	......	4	1	1	....	1
Woodstock	187	....	1	2	25	20	194	18	7	25	13	12	1	10	14	....	18	5	2	....	18	6	1	20	......	6	2	1	2	....	....	....	......	1	1	....	....	....
TOTAL	23881	....	2	173	3060	2829	24285	2465	595	3060	1394	1666	378	1420	1262	....	2607	315	104	34	1753	1072	235	2829	133	721	173	124	329	95	50	25	22	36	51	24	2	24

STATISTICAL REPORT OF OLD AGE PENSIONS — 1937, 1938 — (FISCAL)

	NUMBER OF PENSIONS										ELIGIBLE													RECONSIDERED					INELIGIBLE									
											Sex		Civil Status				Age				Nationality																	
Towns	March 31, 1937	Applications Received	Applications Pending	Reinstatements & Transfers	Pensions Granted (New)	Pensions Refused or Cancelled	March 31, 1938	Full Pension	Part Pension	Total Pensions Granted	Male	Female	Single	Married	Widow or Widower	Separated	70 – 75	76 – 80	81 – 85	86 and Over	Canadian Born	British Born	Foreign Born	Cancelled, Death, Etc.	Reductions	Increases	Reinstatements	Former Decision Sustained	Total Ineligible	Assets—Other than Property	Property	Transfer of Property	Earnings	Not 70 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons
Brockville	214	....	....	4	28	32	214	26	2	28	16	12	1	15	12	....	22	5	1	....	20	8	....	32	2	9	4	2	5	....	....	1	2	2	....	....	....	....
Gananoque	92	....	....	1	14	13	94	11	3	14	6	8	1	7	6	....	9	....	4	1	9	3	2	13	....	2	1	1	1	1	....	....	....	....	....	....	....	....
Ingersoll	99	....	....	....	15	9	105	14	1	15	6	9	3	4	8	....	13	1	1	....	12	2	1	9	....	4	....	2	....	....	....	....	....	....	....	....	....	....
Prescott	52	....	....	3	4	9	50	1	3	4	2	2	....	3	1	....	3	1	....	....	4	....	....	9	....	....	3	2	....	....	....	....	....	....	....	....	....	....
St. Mary's	70	....	....	....	11	8	73	11	....	11	6	5	2	9	....	....	9	2	....	....	10	1	....	8	....	3	....	....	....	....	....	....	....	....	....	....	....	....
Smiths Falls	121	....	....	1	13	16	119	11	2	13	5	8	2	5	6	....	10	2	1	....	13	....	....	16	....	2	1	....	1	....	....	....	....	....	1	....	....	....
Timmins	81	....	....	....	16	7	90	11	5	16	9	7	....	5	11	....	14	1	....	1	12	3	1	7	1	9	....	1	1	....	....	....	....	....	....	1	....	....
Trenton	154	....	....	....	23	16	161	20	3	23	12	11	3	9	11	....	20	3	....	....	19	3	1	16	2	5	....	....	1	....	....	1	....	....	....	....	....	....
TOTAL	883	....	....	9	124	110	906	105	19	124	62	62	12	57	55	....	100	15	7	2	99	20	5	110	5	34	9	8	9	1	....	2	2	2	1	1	....	....
Districts																																						
Algoma	552	....	....	5	69	62	564	50	19	69	41	28	13	25	31	....	54	9	4	2	54	9	6	62	4	28	5	5	12	2	1	2	....	7	....	....	....	....
Cochrane	331	....	....	6	58	41	354	45	13	58	36	22	7	27	24	....	56	....	1	1	49	7	2	41	2	33	6	6	14	....	....	2	....	3	....	6	1	2
Haliburton	177	....	....	1	13	18	173	9	4	13	9	4	1	7	5	....	12	1	....	....	13	....	....	18	5	7	1	....	4	....	1	....	....	3	....	....	....	....
Kenora	229	....	....	5	37	20	251	29	8	37	25	12	8	17	12	....	32	4	1	....	17	7	13	20	1	13	5	2	2	1	....	....	....	1	....	....	....	....
Manitoulin	133		....	1	28	19	143	20	8	28	17	11	7	10	11	....	23	3	....	2	25	1	2	19	1	8	1	1	5	....	....	1	....	4	....	....	....	....
Muskoka	457	....	....	5	56	61	457	39	17	56	33	23	9	31	16	....	50	3	....	3	35	19	2	61	5	29	5	5	5	1	....	....	....	3	....	1	....	....
Nippissing	556	....	....	2	78	67	569	50	28	78	51	27	6	46	26	....	71	5	2	....	71	4	3	67	3	45	2	7	10	3	....	3	....	2	....	....	1	1
Parry Sound	526	....	....	5	93	66	558	71	22	93	52	41	9	51	33	....	77	11	5	....	69	19	5	66	5	29	5	7	20	4	2	3	....	5	4	1	....	1
Rainy River	300	....	1	4	34	32	306	25	9	34	26	8	1	18	15	....	26	7	1	....	22	2	10	32	1	18	4	4	2	....	....	....	....	1	1	....	....	....
Sudbury	462	....	....	5	71	50	488	55	16	71	48	23	8	40	23	....	63	4	2	2	57	5	9	50	1	36	5	8	14	1	1	....	1	5	1	1	...	4
Temiskaming	413	....	1	3	61	53	424	44	17	61	35	26	8	32	21	....	51	8	2	....	44	11	6	53	2	6	3	2	2	....	....	....	....	1	....	....	....	1
Thunder Bay	146	....	....	3	32	14	167	20	12	32	23	9	4	19	9	....	24	7	1	....	14	10	8	14	5	21	3	7	8	1	....	....	....	4	2	1	....	....
TOTAL	4299	....	2	45	630	520	4454	457	173	630	396	234	81	323	226	....	539	62	19	10	470	94	66	520	35	273	45	54	98	13	5	11	1	39	8	10	2	9

Pelee Island........................ 17........................ 17

	Pensioners March 31, 1937	Reinstatements and Transfers	New Cases	Cancellations	Pensioners March 31, 1938	Ineligible, New
Counties	26,511	208	3,884	3,252	27,351	459
Cities	23,881	173	3,060	2,829	24,285	329
Towns	883	9	124	110	906	9
Districts	4,299	45	630	520	4,454	98
	55,574	435	7,698	6,711	56,996	895

Increase 1,422

Summary re Discontinuance of S. D. & G. Pay-List:

No. of Pensions, March 31, 1937	1,332	
New Cases granted to Dec. 31, 1937	122	
Cases reinstated to Dec. 31, 1937	2	
Cancellations up to Dec. 31, 1937		122
Cases transferred to various Pay-lists		42
Cases transferred to Dundas Pay-lists		289
Cases transferred to Glengarry Pay-lists		438
Cases transferred to Stormont Pay-lists		565
	1,456	1,456

STATISTICAL REPORT OF PENSIONS FOR THE BLIND — 1937, 1938 — (FISCAL)

Counties	NUMBER OF PENSIONS										ELIGIBLE																		RECONSIDERED					INELIGIBLE										
											Sex		Civil Status				Age										Nationality																	
	March 31, 1937	Applications Received	Applications Pending	Reinstatements & Transfers	Pensions Granted (New)	Pensions Refused or Cancelled	March 31, 1938	Full Pensions	Part Pensions	Total Pensions Granted	Male	Female	Single	Married	Widow or Widower	Separated	40 – 45	46 – 50	51 – 55	56 – 60	61 – 65	66 – 70	71 – 75	76 – 80	81 – 85	86 and Over	Canadian Born	British Born	Foreign Born	Cancelled, Death, Etc.	Reductions	Increases	Reinstatements	Former Decision Sustained	Total Ineligible	Too Much Vision	Assets Other than Property	Property	Transfer of Property	Earnings	Not 40 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons
Brant					5		5	4	1	5	3	2	2	2	1					1	2	1	1				3	2																	
Bruce					10	1	9	10		10	3	7	8	1	1			2	1	2	1	3			1		10			1					1										1
Carleton					9	2	9	8	1	9	5	4	1	8			2	2		3	1	1					9								2		2								
Dufferin					3		3	3		3	1	2	3					1	1		1						3																		
Dundas					1		1	1		1		1			1							1					1																		
Elgin					7		7	7		7	3	4	3	3	1				2	2	3						6	1																	
Essex			1		7	3	7	7		7	7		3	3	1		2		4		1						7								3		2		1						
Frontenac					1		1	1		1	1		1					1									1																		
Glengarry					4		4	4		4	3	1	1	3				1			3						4																		
Grey					6		6	6		6	5	1	2	3	1			2			4						6																		
Haldimand					5	1	4	5		5	4	1	1	4			1			2	1	1					4	1		1					1		1								
Halton					3	1	3	3		3	3		3							1		1	1				3								1	1									
Hastings					7	1	7	7		7	5	2	2	4	1					2		5					6	1							1			1							
Huron					8		8	7	1	8	4	4	2	2	4				2	1	1	3	1				7	1																	
Kent					9		9	9		9	7	2	3	6			1	2	1	2	1	2					7	1	1																
Lambton					11	1	11	10	1	11	6	5	5	4	2		2	4	1	3		1					10	1							1		1								
Lanark					8	1	8	7	1	8	6	2	5	3			2		1		2	3					6	2							1				1						
Leeds and Grenville			1		9	1	9	7	2	9	6	3	1	4	4		1		1		2	4				1	9								1										1
Lennox and Addington					4		4	4		4	3	1		3	1				1		2	1					4																		
Lincoln					7		7	6	1	7	3	4	1	4	2		1			1	2	2			1		4	3																	
Middlesex					6	2	6	5	1	6	2	4		5	1			1		1	1	1	2				2	4							2		1	1							
Norfolk					10	1	10	10		10	9	1	4	5	1		2		3	3	1	1					9	1							1		1								
Northumberland and Durham					12		11	11	1	12	7	5	3	9				1	1	3	3	1	1	1	1		8	4		1															
Ontario					8		8	6	2	8	4	4	4	4				1		3	1	3					5	3																	
Oxford					1	1	1	1		1		1		1							1						1								1		1								
Peel					3	1	3	1	2	3	2	1	1	2			1	1		1							1	2							1		1								
Perth					3		3	3		3	2	1	3				2	1									3																		
Peterborough					4	3	4	1	3	4	3	1		3	1		1					3					4								3	1						2			
Prescott and Russell			2		14		14	14		14	11	3	3	9	2			2	3	4	2	3					14																		
Prince Edward					2		2	2		2	1	1		2							2						2																		
Renfrew			1		14	1	14	14		14	10	4	5	8	1		2	1	3	2	4	2					13	1							1		1								
Simcoe					18	1	18	18		18	7	11	11	6	1		3	2	2	6	3	2					15	3							1	1									
Stormont					2	2	8	2		2	1	1		2				1	1								2								2		1		1						
Stormont, Dundas and Glengarry					6			6		6	4	2	2	3	1				3	1	1	1					6																		
Victoria					11	2	10	8	3	11	8	3	4	6	1		1			2	4	2	1		1		9	2		1					2	1	1								
Waterloo					2	1	2	2		2	1	1		1	1						1	1					1	1							1		1								
Welland					3		3	2	1	3	2	1	1	1	1				2		1						3																		
Wellington					6	2	6	6		6	5	1	4	2			1		1	1	2	1					6								2		1					1			
Wentworth					3		3	2	1	3	1	2		2	1					2	1						3																		
York					31	1	30	30	1	31	18	13	6	20	5		4	3	7	5	4	6	2				17	14		1					1	1									
	....	....	5	....	283	30	278	260	23	283	176	107	98	148	37	....	29	29	41	54	59	56	9	1	4	1	234	48	1	5	....	....	....	....	30	5	15	2	3	....	....	3	....	....	2

STATISTICAL REPORT OF PENSIONS FOR THE BLIND — 1937, 1938 — (FISCAL)

Cities	NUMBER OF PENSIONS										ELIGIBLE																			RECONSIDERED					INELIGIBLE										
											Sex		Civil Status				Age										Nationality																		
	March 31, 1937	Applications Received	Applications Pending	Reinstatements & Transfers	Pensions Granted (New)	Pensions Refused or Cancelled	March 31, 1938	Full Pensions	Part Pensions	Total Pensions Granted	Male	Female	Single	Married	Widow or Widower	Separated	40 – 45	46 – 50	51 – 55	56 – 60	61 – 65	66 – 70	71 – 75	76 – 80	81 – 85	86 and Over	Canadian Born	British Born	Foreign Born	Cancelled, Death, Etc.	Reductions	Increases	Reinstatements	Former Decision Sustained	Total Ineligible	Too Much Vision	Assets Other than Property	Property	Transfer of Property	Earnings	Not 40 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons
Belleville					8	1	8	8		8	3	5		5	3		1	2	1	1	1	2					5	2	1						1	1									
Brantford					11	1	11	11		11	6	5	1	8	2			1		4	3	3					7	4							1		1								
Chatham					3	1	3	1	2	3	3			3						1	1					1	2	1							1									1	
Fort William					4	1	4	4		4	2	2	2	1	1		2		1			1					1	2	1						1		1								
Galt					3	2	3	3		3	1	2	1	2			2				1						1	2							2		2								
Guelph					3	2	3	2	1	3	3		1	1	1						2		1				2	1							2		2								
Hamilton					52	9	52	50	2	52	28	24	13	20	19		2	2	11	9	13	13	2				31	20	1						9		6			1		1	1		
Kingston					7	3	7	7		7	3	4	3	2	2				1	3	1	2					3	4							3		2						1		
Kitchener																																													
London					24	2	24	21	3	24	17	7	7	13	4		1	4	3	3	10	3					17	7							2	1	1								
Niagara Falls					2		2	1	1	2	2			1	1			1			1						1	1																	
North Bay					2		2	2		2	1	1		1	1				1		1						1	1																	
Oshawa					1	1	1	1		1		1			1								1				1								1		1								
Ottawa					33	5	32	32	1	33	21	12	8	20	5		2	5	7	9	6	4					23	6	4	1					5		4								1
Owen Sound					2		2	2		2	1	1	1	1						1		1						2																	
Peterborough					7	2	7	7		7	5	2	2	5			1		1	1	3	1					7								2	1				1					
Port Arthur					2		2	1	1	2	1	1		2						2							1	1																	
St. Catharines					4		4	3	1	4	3	1		3	1					2		1	1				3	1																	
St. Thomas					3		3	3		3	1	2	1	2					1	1			1				2	1																	
Sarnia						2																													2		1						1		
Sault Ste. Marie					5		5	5		5	2	3	1	3	1			1		1	2	1					1	2	2																
Stratford					4	2	4	4		4	1	3	1	2	1		1	2		1							2	1	1						2		1						1		
Sudbury																																													
Toronto					161	22	160	147	14	161	92	69	43	80	38		9	19	15	39	34	36	5	2	2		90	54	17	1					22	8	5	1		7		1			
Welland																																													
Windsor					10		10	10		10	6	4	1	6	3				3	1	2	3	1				7	1	2						1			1							
Woodstock					4	1	4	4		4	2	2	1	3			1		1	1		1					4								1		1								
	....	....	....	....	355 −2 Cancellations	58	353	329	26	355	204	151	87	184	84	....	22	37	46	80	81	72	12	2	2	1	212	114	29	2	....	....	....	....	58	11	28	2	....	9	....	2	4	1	1

STATISTICAL REPORT OF PENSIONS FOR THE BLIND — 1937, 1938 — (FISCAL)

	NUMBER OF PENSIONS										ELIGIBLE																			RECON-SIDERED					INELIGIBLE										
											Sex		Civil Status				AGE										Nationality																		
Towns	March 31, 1937	Applications Received	Applications Pending	Reinstatements & Transfers	Pensions Granted (New)	Pensions Refused or Cancelled	March 31, 1938	Full Pensions	Part Pensions	Total Pensions Granted	Male	Female	Single	Married	Widow or Widower	Separated	40 – 45	46 – 50	51 – 55	56 – 60	61 – 65	66 – 70	71 – 75	76 – 80	81 – 85	86 and Over	Canadian Born	British Born	Foreign Born	Cancelled, Death, Etc.	Reductions	Increases	Reinstatements	Former Decision Sustained	Total Ineligible	Too Much Vision	Assets Other than Property	Property	Transfer of Property	Earnings	Not 40 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons
Brockville						1																													1	1									
Gananoque					3		3	1	2	3	1	2	1	2			1		2								3																		
Ingersoll																																													
Prescott					1		1	1		1		1			1						1						1																		
St. Mary's					1		1	1		1	1		1									1						1																	
Smith's Falls					4	1	4	4		4	3	1	2	1	1			1	1		1	1					3	1							1		1								
Timmins					1	3	1	1		1	1		1				1										1								3		2	1							
Trenton					4		2	4		4	1	3	1	2	1					1		3					4			2															
					14	5	12	12	2	14	7	7	6	5	3		2	1	3	1	2	5					12	2		2					5	1	3	1							
					2 Cancellations																																								
Districts																																													
Algoma					5	1	4	4	1	5	3	2	4		1				1		4						3	2		1					1						1				
Cochrane			1		2		2	2		2	1	1		2							2						2																		
Haliburton					1	1	1	1		1	1			1								1					1								1								1		
Kenora					2	1	2	2		2	2			2						1		1					1	1							1									1	
Manitoulin					3		3	3		3	3		1	2			2	1									3																		
Muskoka					3	4	3	3		3	3		1	1	1					1	2						2	1							4		1	1		1		1			
Nipissing					9	1	9	9		9	5	4	5	4			1	3	3	2							6	2	1						1			1							
Parry Sound			1		9		9	9		9	7	2	3	4	2		2	1	1	2	2	1					8	1																	
Rainy River			1																																										
Sudbury			1		2	1	2	2		2	2			2						1		1					1		1						1		1								
Temiskaming					4	3	4	3	1	4	2	2	2	2			1			2		1					4								3		1	1							1
Thunder Bay					1		1	1		1		1		1			1										1																		
			4		41	12	40	39	2	41	29	12	16	21	4		7	5	5	9	10	5					32	7	2	1					12		3	3		1	1	1	1	1	1
					1 Cancellation																																								

	Ineligible	Eligible	Cancellations
Counties	30	283	5
Cities	58	355	2
Towns	5	14	2
Districts	12	41	1
	105	693	10

MOTHERS' ALLOWANCE COMMISSION — STATISTICAL REPORT 1937, 1938

		DECISIONS											NUMBER OF FAMILIES WITH											CANCELLATIONS							INELIGIBLE						
	Applications Received	Applications Granted	Renewals Granted	Ineligible and Deferred	Renewals Refused	Cancelled and Suspended	Continued	Increased	Reduced	Total	No. on Pay-list March, 1938	No. Cancelled 1st April, 1937 to March 31st, 1938.	1 Child	2 Children	3 Children	4 Children	5 Children	6 Children	7 Children	8 Children	9 Children	10 Children	Total	No. Children Under 16 years	Re-married	Income	Unsatisfactory	Man Not Permanently Unemployable	Other Reasons	Total	No. Child. Under 16 yrs	Re-married	Income	Unsatisfactory	Man Not Permanently Unemployable	Other Reasons	Total
Widow	1406	904	454	359	182	1179	...	...	...	3078	7572	1074	4038	2253	1195	644	290	133	57	26	10	...	8646	599	184	88	119	...	189	1179	39	3	106	51	...	342	541
Incapacitation	1304	531	236	572	227	409	...	...	...	1975	2874	379	981	901	581	334	229	124	65	27	8	3	3253	128	1	19	27	151	83	409	19	...	28	15	541	196	799
Mental	119	47	55	29	19	80	...	...	...	230	360	72	138	123	68	50	28	10	7	5	3	...	432	14	...	6	9	10	11	80		1	2	2	23	20	48
Desertion	375	73	44	201	97	142	...	...	...	557	753	145	471	281	98	32	8	8	...		...	...	898	76	9	9	15	...	33	142	2	...	20	20	...	256	298
F. M. Dead	115	79	24	31	10	79	...	...	...	223	342	73	215	125	50	15	7	2	...	1	...	...	415	42	...	3	2	...	32	79	...	1	7	8	...	25	41
F. M. Incap.	36	29	2	8	1	23	...	...	...	63	Included in Incap.													4	...	...	4	1	14	23	...	...	1	...	5	3	9
F. M. Mental	3	3	1	...	1	1	...	...	...	6	Included in Mental													...	...	...	...	...	1	1	...	...	...	...	...	1	1
F. M. Desertion	31	7	2	22	7	11	...	...	...	49	Included in Desertion													8	...	...	...	...	3	11	1	...	1	2	...	25	29
TOTAL	3425	1673	818	1222	544	1924	1576	1041	2219	11017	11901	1743	5843	3683	1992	1075	562	277	129	59	21	3	13644	871	194	125	176	192	366	1924	61	5	165	98	569	868	1766

No. of Beneficiaries on Pay-list March 31, 1937	11,420	
No. of Beneficiaries on Pay-list March 31, 1938	11,901	
Increase during Fiscal Year	481 or 4.21%	
No. of Beneficiaries on Pay-list March 31, 1938	11,901	
No. of Beneficiaries on part of year but later cancelled.	1,743	13,644
No. of children in these families		29,551
Average No. of children per family		2.16
No. Families on—City Rate	6,816	
—Town Rate	203	
—County and Judicial District	6,625	13,644

Place of Birth

Canada	8,712	63.85%
British	3,367	24.68%
Others Naturalized	1,565	11.47%
	13,644	100%

Cause of Death—

Tuberculosis	744
Cancer	881
Others	7,012
	8,646

Cause of Incapacitation

Tuberculosis	756
Cancer	74
Mental	432
Epilepsy	54
Others	2,369
	3,685

Annual Report

CHILDREN'S AID BRANCH OF THE PROVINCE OF ONTARIO

INVESTIGATION REPORT

Fiscal Period—April 1st, 1937, to March 31st, 1938

Total cases open at the beginning of the year (exclusive of U.P.A.)	3963
Number of new complaints	5356
Number of re-opened cases	1450
Number of cases closed	6269
Total cases open at end of year	4500

Factors:

Delinquency	1148
Feeblemindedness	122
Insanity	44
Desertion	206
Drunkenness	205
Medical neglect	257
Moral neglect	497
Non-support	354
Physical Neglect	727
Separation of parent	486
Specific disease	21
Violation of Chastity	72
One parent deceased	198
Illness of parent	186
Divorce	11
Death of only parent	35
Out of town enquiry	362
Imprisonment	49
Unwarranted complaint	179
Sundry	1647

Number of complaints investigated		7996
Number of visits re above		40851
Number of office interviews re above		25647
Number of clinics attended (Mental)		907
Number of clinics attended (Medical)		629
Number of Court attendances		5586
Number of children involved during year		23175
Number of children made wards (a) Temporary	655	
Number of children made wards (b) Permanent	544	
Number of children for whom wardship extended for further period		1118

Annual Report

CHILDREN'S AID BRANCH OF THE PROVINCE OF ONTARIO

REPORT RE CHILDREN UNDER CARE

For Fiscal Period—April 1st, 1937, to March 31st, 1938

Total number of children under care at first of year	10618
Number of children admitted to care during year	3205
Number closed or discharged during year	3078

Type of Care

	1st of year	End of year
Shelter	556	525
Boarding Home	2849	3162
Adoption Probation	1494	1669
Wage Home	772	788
Free Home	3178	3155
Other Institutions	813	755
Non-wards	220	159
Other Societies' wards	736	532

Total number of children under care at end of year as above	10745
Number of Investigations (Adoption and Foster homes)	5048
Number of Investigations for Industrial Schools	460
Number of Visits to Homes or Institutions of children placed	47966
Number of above visits where children were seen	31516
Number of office interviews	28026
Number of children seen in office	6120
Number of Clinics attended 7506 (Mental) 1553 (Medical) 5953	
Number of Meetings or Conferences attended	4142
Number of Meetings addressed	513
Number of Re-placements of children (one home to another home)	1695
Number of children returned to shelter	986
Number of Legal adoptions completed	784
Number of new placements of children	3009

Statistical Report

THE CHILDREN OF UNMARRIED PARENTS' ACT

Comparative Report showing number of cases dealt with from July, 1921, to March 31st, 1938.

1921	July 1st, 1921, to October 31st, 1931	102	cases
1921-1922	October 31st, 1921, to October 31st, 1922	672	“
1922-1923	October 31st, 1922, to October 31st, 1923	1,162	“
1923-1924	October 31st, 1923, to October 31st, 1924	1,205	“
1924-1925	October 31st, 1924, to October 31st, 1925	1,347	“
1925-1926	October 31st, 1925, to October 31st, 1926	1,705	“
1926-1927	October 31st, 1926, to October 31st, 1927	1,724	“
1927-1928	October 31st, 1927, to October 31st, 1928	1,865	“
1928-1929	October 31st, 1928, to October 31st, 1929	1,886	“
1929-1930	October 31st, 1929, to October 31st, 1930	2,180	“
1930-1931	October 31st, 1930, to October 31st, 1931	2,250	“
1931-1932	October 31st, 1931, to October 31st, 1932	2,148	“
1932-1933	October 31st, 1932, to October 31st, 1933	2,248	“
1933-1934	October 31st, 1933, to October 31st, 1934	1,954	“
1934-1935	October 31st, 1934, to March 31st, 1935	798	“
1935-1936	March 31st, 1935, to March 31st, 1936	2,166	“
1936-1937	March 31st, 1936, to March 31st, 1937	2,203	“
1937-1938	March 31st, 1937, to March 31st, 1938	2,401	“
		30.016	cases

NEW CASES FOR THE YEAR

From March 31st, 1937, to March 31st, 1938 ... 2,401 cases
(Including 774 from Toronto District)

Of these	195	were pending
Of these	421	have been settled
Of these	1,785	have been closed

Of the cases settled	307	were by agreements with the Provincial Officer.
Of the cases settled	108	by Court Orders.
Of the cases settled	6	by Private Agreement approved by the Judge.
Of the cases closed	753	no action was desired.
Of the cases closed	15	were dismissed by the Court for lack of sufficient corroborative evidence.
Of the cases closed	301	were closed for lack of sufficient corroboration.
Of the cases closed	234	there was no data.
Of the cases closed	83	couples married.
Of the cases closed	111	man unknown.
Of the cases closed	178	man's whereabouts unknown.
Of the cases closed	39	man outside of Province.
Of the cases closed	21	man dead.
Of the cases closed	32	man worthless.
Of the cases closed	18	criminal action taken.

There were three appeals to the Appellate Division: two taken by the father and one by the Provincial Officer: one was granted, one dismissed and one abandoned.

There were	5 Varied Agreements.
There were	20 Varied Orders.
There were	130 Applications for Orders on Agreements on which 60 Affiliation Orders were granted.
There were	226 Summons issued.

CHILDREN'S AID BRANCH

ADOPTION STATISTICS

MARCH 31st, 1937, TO MARCH 31st, 1938

Year	Children's Aid Wards	Soldier's Aid Commission Wards	Wards of other Organizations	Children of Unmarried Parents	Abandoned Children—Foundlings	Orphaned Children	Children born out of wedlock before U.P. Act of 1921	One Parent Living	Both Parents Living	Husband Adopts Wife's Child	Parents Divorced	Stepfather Adopts	Child Adopted second Time	Child over 21 years of age	Born out of Wedlock not under Ontario U.P. Act.	Married	Total
April, 1937	9	....	....	29	....	1	....	6	10	7	....	....	....	....	3	....	65
May, 1937	12	....	....	27	2	2	8	7	9	....	....	....	....	1	1	....	69
June, 1937	8	....	....	31	....	....	....	2	5	4	....	1	....	....	2	....	53
July, 1937	8	....	....	30	....	....	....	2	10	3	....	....	....	....	....	....	53
Aug., 1937	11	....	....	20	1	....	1	1	2	2	1	1	1	....	....	....	41
Sept., 1937	12	....	....	24	....	1	3	2	10	2	1	1	....	....	1	....	57
Oct., 1937	16	....	....	41	....	1	2	7	13	9	3	....	....	....	1	....	93
Nov., 1937	16	....	1	54	....	2	3	4	9	13	2	....	....	....	2	....	105
Dec., 1937	10	....	....	40	....	2	2	9	4	....	....	1	1	....	3	....	72
Jan., 1938	9	....	....	21	....	2	....	9	5	2	....	5	....	....	1	....	54
Feb., 1938	17	....	....	44	....	....	1	10	10	8	....	....	1	....	2	....	93
Mar., 1938	10	....	....	30	....	....	....	4	11	5	2	....	....	....	....	....	62
Total	138	....	1	391	3	11	20	63	98	55	9	9	3	1	16	....	818

AGES OF CHILDREN LEGALLY ADOPTED

MARCH 31st, 1937, TO MARCH 31st, 1938

Born 1937	9
“ 1936	21
“ 1935	139
“ 1934	158
“ 1933	104
“ 1932	70
“ 1931	52
“ 1930	41
“ 1929	25
“ 1928	34
“ 1927	13
“ 1926	15
“ 1925	21
“ 1924	12
“ 1923	15
“ 1922	20
“ 1921	12
“ 1920	6
“ 1919	5
“ 1918	20
“ 1917	7
“ 1916	5
“ 1915	3
“ 1914	2
“ 1913	1
“ 1912	1
“ 1911	1
“ 1910	1
“ 1904	1
“ 1903	1
“ 1902	1
“ 1901	1
“ 1898	1
Total	818

SOLDIERS' AID COMMISSION—SERVICE

STATISTICAL REPORT

April 1st, 1937, to March 31st, 1938

Month	A Child Welfare	B No. 2 Account	C Hales, Scott, McNab Estates	D No. 8 Account	E Canteen Fund	F Pension & Service	G Misc.	Total
1937								
April	23	115		10	31	16	115	310
May	26	87		5	11	19	101	249
June	38	101		9	30	16	124	318
July	42	81		3	18	14	100	258
August	15	80	1	3	21	13	81	214
September	18	139	2	4	32	16	94	305
October	31	125	7	9	37	20	123	352
November	17	218	18	10	33	20	107	423
December	30	192	2	14	44	15	99	396
1938								
January	10	187	2	8	58	22	130	417
February	7	190	2	8	56	40	123	426
March	9	176	9	14	68	26	156	458
	266	1,691	43	97	439	237	1,353	4,126

NOTE:—

A. Investigations and Service on Account of Wards of the Commission.

B. Emergency assistance granted.

C. Emergency assistance from Trust Funds.

D. Kathleen Hammond Bequest Trust Fund, emergency assistance to pensioned widows of veterans.

E. Administration of Special Grants from Canteen Fund.

F. Information, Advice and Assistance in respect to Claims for Treatment and Pensions by veterans.

G. General Advice given on matters relating to Public and Private Welfare facilities for veterans or their dependents.

Number of Office Interviews	5,514
Number of Letters Received	5,085
Number of Letters Mailed	5,542

PLACEMENT OF WARDS

Number of Wards placed in Positions	7
Number of Wards placed in Boarding Homes	9
Number of Wards attaining the age of 21 years	19
Number of Wards taken to Hospitals and Clinics	13
Number of Wards Married	1
Number of Wards placed in other Institutions	1
Number of Wards placed in Foster Homes	2

Total Number of Wards under Commission's care in April 1st, 1937	84
Net Total, March 31st, 1938	65

FINANCIAL ASSISTANCE GRANTED

APRIL 1st, 1937, to MARCH 31st, 1938

Month	No. 2 Account	Hales, Scott, McNab Estates	No. 8 Account	Canteen Fund	Outside Sources	Total
1937						
April	$ 724.95	$	$ 157.50	$ 6.08	$	$ 888.53
May	612.12		88.00	3.92	3.50	707.54
June	733.44		270.85		5.50	1,009.79
July	615.07		45.00	10.00	3.10	673.17
August	640.83	5.00	50.00			695.83
September	745.46	19.00	105.00	12.00		881.46
October	702.23	68.15	140.00	5.00		915.38
November	1,618.50	137.62	340.75	8.00		2.104.87
December	1,064.81	327.55	294.50	19.00	21.45	1,727.31
1938						
January	1,062.26	14.50	196.30	3.00	8.45	1,284.51
February	1,045.37	6.80	135.80			1,187.97
March	1,194.97	44.54	139.10	42.00	4.00	1,424.61
	$10,760.01	$623.16	$1,962.80	$109.00	$46.00	$13,500.97

ANALYSIS OF ASSISTANCE RENDERED FROM Nos. 2 ACCOUNT: KATHLEEN HAMMOND: HALES: SCOTT and McNAB ESTATES, also from OUTSIDE SOURCES, APRIL 1st, 1937 to MARCH 31st, 1938.

Hospital, Medical and Surgical Supplies	52
Fuel, (Emergency)	51
Men's, Women's and Children's Clothing, (including 73 Overcoats)	690
Special Diet and Emergency Grocery Orders	228
Bedding and Household Supplies	46
Transportation	44
Truck, Car and Chauffeur Licenses, etc.	4
Glasses	262
Dentures	252
Layettes	7
School Supplies	15
Special Grants, (Material and Supplies, Stock-in-Trade)	735
Wheel Chairs	4

COUNTY REFUGES—STATISTICS AND RECEIPTS—JANUARY 1, 1937 TO DECEMBER 31, 1937

Name	Location	Approximate Value of Buildings	Approximate Value of Contents	Approximate Value of Land	Number of Acres	RECEIPTS						Average Number of Residents	Average Daily Cost Per Resident
						Farm	Paying Residents	Pensioners	Treasurer	Bequests, Endowments, Grants, Etc.	Total		
Brant	Brantford	$ 120,000.00	$ 5,000.00	$ 20,000.00	45	482.89	$ 5,795.36	$ 5,040.00	$ 4,507.86	$ 1,295.60	$ 17,121.71	80	$ .59
Bruce	Walkerton	50,000.00	5,500.00	6,000.00	71	478.77	......	3,974.38	9,157.15	62.64	13,672.94	49	.76
Elgin	St. Thomas	30,000.00	8,000.00	5,000.00	100	1,373.00	......	1,023.00	4,310.00	1,069.71	7,775.71	29	.64
Essex	Leamington	40,000.00	8,000.00	6,500.00	70	1,342.05	2,036.66	3,081.88	8,989.13	208.28	15,658.00	68	.63
Grey	Markdale	65,000.00	6,000.00	2,000.00	100	1,228.29	45.00	3,180.00	5,697.12	105.11	10,255.52	81	.35
Haldimand	Dunnville	35,000.00	11,500.00	7,000.00	100	1,509.61	560.02	2,460.33	3,938.59	......	8,468.55	41	.57
Hastings	Belleville	70,000.00	8,000.00	5,000.00	73	2,909.47	762.81	5,825.18	6,633.76	......	16,131.22	85	.52
Huron	Clinton	70,000.00	7,000.00	7,500.00	151	5,560.49	896.50	6,761.23	7,396.38	336.05	20,950.65	93	.62
Kent	Chatham	75,000.00	10,000.00	5,000.00	50	506.87	348.70	5,446.67	7,531.75	6.55	15,840.54	68	.64
Lambton	Sarnia	60,000.00	4,000.00	4,000.00	60	576.27	1,118.00	3,637.63	7,080.18	......	12,412.08	56	.63
Lanark	Perth	50,000.00	6,000.00	3,000.00	70	1,443.85	12,409.15	4,894.79	......	156.42	18,904.21	88	.51
Leeds and Grenville	Athens	65,000.00	5,000.00	5,000.00	100	794.52	395.00	1,547.26	3,622.95	1,300.00	7,659.73	36	.58
Lincoln	St. Catharines	40,000.00	10,000.00	5,000.00	70	4,844.12	2,714.80	1,920.00	5,969.42	42.99	15,491.33	59	.72
Middlesex	Strathroy	55,000.00	5,000.00	6,000.00	117	1,261.85	364.73	2,668.88	12,332.70	15.00	16,643.16	71	.65
Norfolk	Simcoe	70,000.00	5,000.00	3,000.00	96	84.33	......	3,998.00	13,847.22	......	17,929.55	65	.76
Northumberland and Durham	Cobourg	72,000.00	8,000.00	4,000.00	80	208.85	218.00	2,303.50	10,000.00	1,000.00	13,730.35	79	.48
Ontario	Whitby	50,000.00	5,000.00	6,000.00	82	1,398.74	......	6,449.82	11,170.37	......	19,018.93	89	.59
Oxford	Woodstock	35,000.00	7,000.00	7,000.00	100	2,685.60	1,491.95	3,751.58	6,067.43	18.60	14,021.16	70	.55
Peel and Halton	Brampton	86,000.00	7,000.00	10,000.00	100	683.66	3,066.60	5,555.37	4,500.00	491.63	14,297.26	98	.40
Perth	Stratford	50,000.00	4,000.00	5,000.00	53	254.81	3,315.14	3,360.00	3,570.06	218.56	10,718.57	65	.45
Peterborough	Lakefield	30,000.00	2,000.00	5,000.00	96	638.25	238.20	2,616.65	4,373.87	338.88	8,205.85	961	.25
Prescott and Russell	L'Original	40,000.00	14,000.00	4,000.00	100	488.15	......	3,484.16	10,143.27	......	14,115.58	62	.59
Prince Edward	Picton	35,000.00	4,000.00	2,500.00	45	712.82	260.00	2,970.00	3,817.54	110.00	7,870.36	45	.48
Simcoe	Beton	60,000.00	7,500.00	10,000.00	200	2,012.36	1,810.44	6,479.39	10,212.06	362.86	20,907.11	107	.51
Stormont, Dundas and Glengarry	Cornwall	49,000.00	10,000.00	5,000.00	140	482.28	1,240.80	5,349.59	14,787.16	509.44	22,369.25	89	.69
Victoria	Lindsay	80,000.00	10,000.00	8,500.00	70	3,263.75	1,057.04	2,617.87	6,906.57	5,638.07	19,483.30	60	.63
Waterloo	Kitchener	190,000.00	15,000.00	15,000.00	165	3,336.20	......	7,343.00	52,024.44	1,960.24	64,663.88	166	1.07
Welland	Welland	42,000.00	6,000.00	9,000.00	60	725.80	239.05	2,193.38	10,871.53	2,271.83	16,601.59	60	.76
Wellington	Fergus	55,000.00	6,000.00	5,000.00	58	2,870.00	2,636.47	3,844.00	4,950.00	521.01	14,821.18	59	.70
Wentworth	Dundas	40,000.00	5,000.00	14,000.00	188	2,000.00	......	3,800.00	7,824.18	......	13,624.18	56	.66
York	Newmarket	150,000.00	10,000.00	13,000.00	130	2,114.14	638.00	6,482.86	11,391.50	......	20,626.50	86	.66
		$1,959,000.00	$224,500.00	$213,000.00	2,943	$18,291.79	$43,661.43	$124,363.40	$275,624.19	$18,039.46	$509,990.25	73	.63

CITY REFUGES — RECEIPTS — JANUARY 1, 1937 TO DECEMBER 31, 1937

Name	Location	Paying Residents	Old Age and Blind Pensioners	From Municipalities	Provincial Grants	Miscellaneous Sales, Etc.	Endowments, Bequests Interest, Etc.	Loss	Total Receipts
Belleville Home for the Aged	Belleville	None	$ 963.23	$ 1,000.00	$ 397.30	....	1,617.15	....	$ 3,977.68
Widow's Home	Brantford	895.00	2,099.28	None	193.50	....	8,099.20	....	11,286.98
Home for the Friendless	Chatham	444.17	932.00	4,381.46	623.50	....	1,325.01	....	7,706.14
St. Paul's Home	Cornwall	7,479.50	3,672.50	....	1,492.00	....	4,909.26	1,126.93	18,680.19
House of Providence	Dundas	9,873.49	7,300.56	....	3,229.10	5,285.86	7,958.76	8,320.84	41,968.61
Elliott Home	Guelph	9,107.78	720.00	....	801.50	....	1,064.63	3,425.02	15,118.93
House of Providence	Guelph	873.68	3,272.46	692.95	3,440.92	3,935.02	5,536,12	1,183.16	18,934.31
Aged Women's Home	Hamilton	....	....	3,761.20	1,872.50	....	6,263.24	2,566.27	14,463.21
Home for the Aged and Infirm	Hamilton	1,840.22	9,831.42	36,357.82	5,644.60	....	....	....	53,674.06
House of Providence	Kingston	10,595.10	14,649.27	5,163.90	4,149.20	7,668.07	15,593.76	....	57,819.30
House of Refuge	Kingston	240.00	1,015.34	3,178.03	852.00	773.19	4,793.69	....	10,852.25
House of Providence	London	8,810.85	11,224.08	3,935.98	3,814.10	....	10,608.47	....	38,393.48
McCormick Home for the Aged	London	6,751.83	7,992.47	8,157.00	2,033.50	....	3,181.43	4,911.80	33,028.03
Bronson Memorial Home	Ottawa	1,800.90	2,045.00	192.70	373.70	165.00	2,196.08	2,078.62	8,852.00
May Court Convalescent Home	Ottawa	1,995.00	....	307.50	445.90	....	....	3,116.78	5,865.18
Monastery of Our Lady of Charity	Ottawa	....	240.00	2,213.44	4,259.35	20,119.53	1,312.35	2,895.59	31,040.26
Protestant Home for the Aged	Ottawa	631.87	2,376.66	1,047.36	558.40	....	1,087.15	1,190.43	6,891.87
St. Charles Hospice	Ottawa	18,071.33	32,123.51	15,654.21	7,893.90	1,731.76	4,508.48	8,388.19	88,371.38
St. Patrick's Home	Ottawa	4,056.97	4,756.43	901.53	2,410.33	6,488.62	1,098.73	....	19,712.61
Anson House	Peterborough	3,838.50	1,676.80	1,257.00	871.90	743.25	1,535.08	1,546.97	11,469.50
St. Joseph's House of Providence	Peterborough	3,303.03	5,873.91	3,875.38	1,340.50	83.60	6,051.04	4,770.68	25,298.14
Thomas Williams Home	St. Thomas	1,345.26	2,452.51	....	468.30	914.81	2,837.74	....	8,018.62
Aged Men's Home	Toronto	6,753.77	6,648.00	1,506.50	913.23	225.00	3,738.74	827.98	20,613.22
Aged Women's Home	Toronto	13,557.85	15,900.00	2,691.00	1,775.18	543.75	3,299.11	246.40	38,013.29
Church Home for the Aged	Toronto	9,139.66	2,927.00	179.50	965.70	2,924.26	2,573.12	352.01	19,061.25
Good Shepherd Industrial Refuge	Toronto	....	....	2,073.80	5,832.65	32,875.11	10,000.00	9,000.00	59,781.56
The Haven	Toronto	3,554.14	....	2,012.25	2,838.70	6,861.00	1,954.48	1,173.01	18,393.58
House of Industry	Toronto	760.00	6,016.27	22,835.54	4,510.10	....	2,498.77	....	36,620.68
House of Providence	Toronto	16,427.95	28,024.10	18,661.60	10,855.00	30,507.10	4,713.46	9,908.98	119,098.19
Industrial Refuge	Toronto	390.00	648.00	8,683.00	2,223.86	18,283.28	324.00	2,049.45	32,601.59
Jewish Old Folks Home	Toronto	2,554.14	4,681.84	1,940.50	2,589.60	15,924.72	5,681.60	1,993.05	35,365.45
Julia Greenshields Home	Toronto	7,046.87	....	....	629.60	110.23	6,214.37	....	14,001.07
Ontario Oddfellows Home	Toronto	....	2,321.81	23,864.94	764.54	37.00	4,537.29	325.05	31,850.63
St. Mary's Convalescent and Rest Home	Toronto	6,489.58	1,520.00	....	674.00	232.57	1,350.00	....	10,266.15
Salvation Army Aged Men's Home	Toronto	1,900.00	3,080.30	....	106.50	745.02	767.12	553.04	7,151.98
Salvation Army Rescue and Receiving Home	Toronto	4,492.48	....	1,950.00	1,049.65	2,037.30	307.56	3,463.80	13,300.79
The Homestead	Windsor	....	812.00	2,641.67	732.70	229.69	721.12	....	5,137.18
Our Lady of Charity Refuge	Windsor	....	....	....	1,121.05	14,390.95	8,318.28	....	23,830.28
		$165,020.92	$187,796.75	$181,117.76	$84,748.06	$173,516.94	$148,576.39	$75,414.05	$1,016,509.62

DISTRICT REFUGES

Name	Location	Paying Residents	Old Age and Blind Pensioners	From Municipalities	Provincial Grants	Miscellaneous Sales, Etc.	Endowments, Bequests Interest, Etc.	Loss	Total Receipts
Algoma District Refuge	Sault Ste. Marie	$ 95.00	4,771.81	$ 24,118.77	$ 2,607.80	$ 251.75	....	....	$ 31,845.13
Nipissing District Refuge	North Bay	450.00	2,033.51	8,113.50	2,847.10	384.81	....	$ 106.99	13,935.91
Parry Sound District Refuge	Powassan	529.06	1,955.43	4,701.75	811.40	15.00	....	802.27	8,814.91
		$ 1,074.06	$ 8,760.75	$36,934,02	$6.266.30	$651.55	....	$909.26	$54,595.95

CITY REFUGES — COST OF MAINTENANCE — JANUARY 1, 1937 TO DECEMBER 31, 1937

Name	Location	Food and Provisions	Medical Services, Supplies, Drugs Etc.	House Furnishings, Clothing, Etc.	Light, Heat, Water	Insurance	Buildings and Repairs	Sundry, Garden, Telephone, Telegraph, Taxes, Funerals, Etc.	Gain	Salaries	Wages	Depreciation	Total Maintainance Cost	Average Daily Cost Per Resident
Belleville Home for the Aged	Belleville	$ 872.89	$ 64.56	$ 177.63	$ 435.09		$ 58.82	$ 260.81	$ 1,274.63	$ 600.00	$ 233.25		$ 3,977.68	$ .73
Widow's Home	Brantford	742.80	57.78	241.64	488.91		387.15	458.77	7,999.63	600.00	310.30		11,286.98	2.21
Home for the Friendless	Chatham	1,787.11	94.33	619.74	706.68	$ 328.00	797.27	265.14	997.91	1,200.00	909.96		7,706.14	1.11
St. Paul's Home	Cornwall	4,274.69	138.45	738.27	676.45	182.79	706.93	269.43		2,500.00	1,034.52	8,158.66	18,680.19	.81
House of Providence	Dundas	12,369.67	1,214.40	2,460.66	4,662.41	1,266.43	822.44	3,714.60			7,308.00	8,120.00	41,968.61	.91
Elliott Home	Guelph	3,972.81	10.83	1,061.85	1,297.91		336.63	614.91		1,800.00	2,006.25	4,017.74	15,118.93	1.89
House of Providence	Guelph	2,648.42	101.77	618.59	983.85	312.81	308.24	2,602.22		4,800.00	4,791.69	1,763.72	18,934.31	1.41
Aged Women's Home	Hamilton	3,688.51	24.99	383.25	1,716.02	4.50	1,588.76	479.89		1,200.00	3,255.29	2,122.00	14,463.21	.76
Home for the Aged and Infirm	Hamilton	16,056.80	335.55	1,627.05	6,872.48	631.00	2,408.03	6,322.15		6,000.00	13,244.00		53,671.06	.74
House of Providence	Kingston	19,744.56	979.21	7,483.16	6,154.51	453.79	3,120.74	5,678.94	1,261.79	9,000.00	3,942.60		57,819.30	.88
House of Refuge	Kingston	3,438.19	225.18	1,229.92	1,108.01	132.49	177.58	933.59	789.50	1,000.00	1,360.00	457.79	10,852.25	.96
House of Providence	London	17,614.46	426.12	3,222.32	3,916.18		3,955.51	1,534.54	1,594.35		6,129.00		38,393.48	.67
McCormick Home	London	6,645.34	439.36	533.60	3,307.42	704.65	968.96	392.67		3,000.00	8,555.18	8,480.85	33,028.03	.99
Bronson Memorial Home	Ottawa	2,421.07	89.98	599.90	754.53	233.94	721.87	628.96		1,200.00	1,108.75	1,093.00	8,852.00	1.40
May Court Convalescent Home	Ottawa	1,535.73	62.33	516.29	663.25		107.74	167.84		1,200.00	1,612.00		5,865.18	2.01
Monastery of Our Lady of Charity	Ottawa	8,099.40	1,810.27	4,597.30	6,808.22	986.97	583.98	1,713.37			5,990.75	450.00	31,040.26	.65
Protestant Home for the Aged	Ottawa	1,585.42	25.42	58.77	1,168.68	400.00	740.21	418.37		1,500.00	995.00		6,891.87	.68
St. Charles Hospice	Ottawa	33,686.14	397.70	5,117.02	7,607.44	1,109.66	3,099.25	14,482.41			8,174.73	14,697.00	88,371.38	.80
St. Patrick's Home	Ottawa	5,006.71	94.57	770.08	2,855.58	142.07	487.95	2,965.93	3,730.05	2,560.00	1,099.67		19,712.61	.55
Anson House	Peterborough	2,957.14	41.82	363.56	1,516.24	178.29	757.80	963.10		1,200.00	2,531.55	960.00	11,469.50	.93
St. Joseph's House of Providence	Peterborough	6,111.02	351.12	1,199.55	2,293.49	140.10	167.60	971.81		6,500.00	1,049.85	6,513.60	25,298.14	1.09
Thomas Williams Home	St. Thomas	1,916.82	438.38	861.12	874.22	20.00	198.69	436.18	1,343.96	900.00	1,032.25		3,018.62	.88
Aged Men's Home	Toronto	5,999.95	57.51	1,566.26	1,794.18	247.81	1,296.97	254.54		2,400.00	6,996.00		20,643.22	.94
Aged Women's Home	Toronto	12,078.61	262.37	3,450.62	3,284.20	380.25	2,698.25	367.91		3,600.00	11,894.08		38,013.29	.89
Church Home for the Aged	Toronto	5,570.39	40.13	1,800.63	1,642.99	165.23	1,502.27	1,943.80		660.00	5,735.81		19,061.25	1.28
Good Shepherd Industrial Refuge	Toronto	15,495.11	3,267.67	8,555.87	6,040.32	252.60	2,842.62	3,127.37		10,000.00	1,200.00	9,000.00	59,781.56	.98
The Haven	Toronto	2,833.80	43.46	1,018.20	1,181.68	119.79	280.69	5,261.47		7,000.00	654.49		18,393.58	1.01
House of Industry	Toronto	8,546.61	96.76	1,007.83	1,792.96	233.38	3,523.16	704.01	14,056.37	2,400.00	4,259 60		36,620.68	.63
House of Providence	Toronto	42,386.26	1,598.64	8,773.84	11,766.12	1,584.49	2,807 07	3,049.16		14,500.00	17,765.24	14,867.37	119,098.1	9.71
Industrial Refuge	Toronto	5,292.85	264.22	3,814.60	4,492.19	709.17	2,329.65	3,538.42		6,000.00	6,160.49		32,601.59	1.54
Jewish Old Folks Home	Toronto	10,608.49	991.65	2,374.21	2,756.99	341.41	1,715.79	6,076.96		3,000.00	7,499.95		35,365.45	1.00
Julia Greenshields Home	Toronto	3,807.99	80.64	738.16	1,100 58	216.52	1,026.89	817.94	846.44	1,200.00	3,716.06	449.85	14,001.07	1.33
Ontario Oddfellows Home	Toronto	5,164.55	586.52	7,267.95	2,116.13	351.74	376.22	1,330.08		2,400.00	5,048.17	7,209.27	31,850.63	2.43
St. Mary's Convalescent and Rest Home	Toronto	2,990.77	23.80	608.22	1,090.71	71.13	330.31	571.21	1,706.00	1,350.00	1,524.00		10,266.15	.81
Salvation Army Aged Men's Home	Toronto	2,307.75	3.68	468.06	609.65		70.22	1,309.65		900.00	1,347.25	135.72	7,151.98	.73
Salvation Army Rescue and Receiving Home	Toronto	2,773.81	42.62	1,027.86	1,354.40	8.32		3,859.65		1,000.00	3,223.25	10.88	13,300.79	.96
The Homestead	Windsor	2,333.79	58.88	113.17	740.78		29.67	97.70	932.63	600.00	230.56		5,137.18	.56
Our Lady of Charity Refuge	Windsor	5,632.12	None	2,067.88	1,774.76	147.06	756.10	3,422.88	1,641.59		2,562.25	5,825.64	23,830.282	.05
		$290,998.55	$14,872.67	$79,134.53	$100,402.71	$12,056.39	$44,088.03	$72,221.75	$38,174.85	$103,770.00	$156,668.79	$94,333.09	$1,016,509.62	1.07

DISTRICT REFUGEES

Algoma District Refuge	Sault Ste. Marie	$ 6,498.35	$ 1,578.77	$ 3,144.52	$ 2,027.24	$ 299.86	......	5,367.25	5,757.85	1,500.00	4,680.00	991.29	31,845.13	.91
Nipissing District Refuge	North Bay	3,167.91	314.37	1,316.36	1,894.64	485.72	326.82	1,936.83	......	1,200.00	1,533.65	1,759.61	13,935.91	.85
Parry Sound District Refuge	Powassan	2,815.01	442.14	776.53	722.83	170.00	346.21	968.64	......	1,200.00	1,373.55	......	8,814.91	.73
		$ 12,481.27	$ 2,335.28	$ 5,237.41	$ 4,644.71	$ 955.58	673.03	8,272.72	5,757.85	3,900.00	7,587.20	2,750.90	54,595.95	.83

CITY REFUGES — IN RESIDENCE RECORD — JANUARY 1, 1937 TO DECEMBER 31, 1937

Name	Location	Number of Beds	Number in Residence Jan. 1, 1937	Number Admitted 1937.	Number Discharged 1937.	Number Deaths 1937.	Number in Residence Dec. 31, 1937.	Number Males 1937.	Number Females 1937.	Average Number of Residents 1937.	Total Number in Residence
Belleville Home for the Aged	Belleville	24	15	5	5	1	14	13	7	15	20
Widow's Home	Brantford	16	15	2	1	1	15	None	17	14	17
Home for the Friendless	Chatham	50	21	4	8	None	17	18	7	19	25
St. Paul's Home	Cornwall	100	65	31	17	13	66	56	40	63	96
House of Providence	Dundas	170	121	94	70	10	135	94	121	126	215
Elliott Home	Guelph	31	22	9	6	2	23	5	26	22	31
House of Providence	Guelph	42	33	28	19	3	39	40	21	37	61
Aged Women's Home	Hamilton	52	52	4	None	4	52	None	56	52	56
Home for Aged and Infirm	Hamilton	220	201	77	46	25	207	178	100	199	278
House of Providence	Kingston	220	198	106	87	33	184	165	139	181	304
House of Refuge	Kingston	50	36	35	34	4	33	50	21	31	71
House of Providence	London	200	159	77	56	21	159	102	134	158	236
McCormick Home	London	100	87	45	35	2	95	60	72	92	132
Bronson Memorial Home	Ottawa	32	22	7	7	3	19	None	29	22	29
May Court Convalescent Home	Ottawa	18	8	121	121	None	129	None	129	8	129
Monastery of Our Lady of Charity	Ottawa	200	129	60	48	None	141	None	189	132	189
Protestant Home of the Aged	Ottawa	44	23	12	7	1	27	35	None	28	35
St. Charles Hospice	Ottawa	383	315	154	74	88	307	243	226	305	469
St. Patrick's Home	Ottawa	119	97	52	33	12	104	81	68	99	149
Anson House	Peterborough	45	36	46	43	3	36	22	60	31	82
St. Joseph's House of Providence	Peterborough	74	63	32	15	12	68	50	45	64	95
Thomas Williams Home	St. Thomas	28	26	4	4	4	22	14	16	25	30
Aged Men's Home	Toronto	61	58	14	8	3	61	72	None	59	72
Aged Women's Home	Toronto	125	119	36	14	18	123	None	155	121	155
Church Home for the Aged	Toronto	42	42	19	16	5	40	None	61	41	61
Good Shepherd Industrial Refuge	Toronto	190	164	77	75	1	165	None	241	167	241
The Haven	Toronto	55	51	55	56	None	50	None	106	50	106
House of Industry	Toronto	178	156	81	70	11	156	166	71	156	237
House of Providence	Toronto	539	440	534	437	32	505	693	281	461	974
Industrial Refuge	Toronto	90	55	58	58	None	55	None	113	58	113
Jewish Old Folks Home	Toronto	130	85	43	5	20	103	63	65	97	128

Julia Greenshields Home	Toronto	30	30	7	5	4	28	None	37	29	37
Ontario Oddfellows Home	Toronto	70	44	7	9	9	33	39	12	36	51
St. Mary's Convalescent and Rest Home	Toronto	34	39	37	41	1	34	None	76	35	76
Salvation Army Aged Men's Home	Toronto	35	25	28	16	4	33	53	None	27	53
Salvation Army Rescue and Receiving Home	Toronto	54	32	433	435	None	30	73	392	38	465
The Homestead	Windsor	31	28	18	19	1	26	28	18	25	46
Our Lady of Charity Refuge	Windsor	40	31	9	8	None	32	None	40	32	40
	TOTALS	3,922	3,143	2,461	2,008	351	3,366	2,413	3,191	3,158	5,604

DISTRICT REFUGES

Algoma District Refuge	Sault Ste. Marie	106	96	42	12	22	104	113	25	96	138
Nipissing District Refuge	North Bay	60	52	24	21	8	47	68	8	45	76
Parry Sound District Refuge	Powassan	40	37	12	14	4	31	42	7	33	49
	TOTALS	206	185	78	47	34	182	223	40	174	263

COUNTY REFUGES — EXPENDITURES — JANUARY 1, 1937 TO DECEMBER 31, 1937

Name	Location	Buildings and Repairs	Clothing, Shoes, etc. Residents	Farm Equipment	Farm Feed, Stock, etc.	Food and Provisions	Fuel and Heating	Funeral Expenses	House Furnishings and Supplies	Insurance
Brant	Brantford	$ 884.10	$ 261.00	$ 615.19	$ 146.50	$ 3,670.63	$ 1,182.00	$ 170.00	$ 1,740.17	$ 516.36
Bruce	Walkerton	1,590.82	544.31	1,319.72	682.59	3,184.50	1,381.04	350.96	263.11	143.50
Elgin	St. Thomas	781.79	304.51	873.34	625.24	1,327.11	684.12	50.00	691.81	
Essex	Leamington	1,464.50	489.90	660.00	2,003.20	3,365.73	1,000.00	170.00	920.00	
Grey	Markdale	955.89	440.00	100.00	231.48	3,850.00	1,082.23	189.00	94.60	125.00
Haldimand	Dunnville	175.49	67.48	683.93	676.65	1,916.26	588.31	81.45	1,029.63	235.00
Hastings	Belleville	645.48	421.22	400.00	749.81	6,384.64	1,415.18	75.50	483.75	172.10
Huron	Clinton	3,134.54	336.87	811.27	3,152.20	3,086.66	1,565.35	527.50	1,100.00	
Kent	Chatham	671.84	804.58	309.79	794.63	3,066.46	1,183.53	44.50	1,057.87	22.50
Lambton	Sarnia	1,183.90	370.87	47.85	203.48	3,568.95	860.38	186.00	66.00	18.00
Lanark	Perth	1,243.91	1,157.52		6.2760	4,518.44	2,068.35	105.50	890.61	
Leeds and Grenville	Athens	360.72	244.26	42.00	571.27	1,697.02	1,011.97	127.50	655.56	
Lincoln	St. Catharines	1,467.08	815.72	497.16	1,830.76	4,023.02	1,065.00	72.86	1,162.35	24.00
Middlesex	Strathroy	1,893.00	335.02	95.68	1,086.37	2,866.81	1,511.10		401.10	296.82
Norfolk	Simcoe	2,837.33	1,180.83	30.14	910.60	4,385.33	1,832.22	257.05	219.00	156.00
Northumberland and Durham	Cobourg	370.27	395.75		121.65	3,393.95	921.45	60.00	275.52	184.70
Ontario	Whitby	190.91	874.41	500.00	1,674.73	6,043.62	1,764.33	274.00	2,402.89	510.54
Oxford	Woodstock	609.29	556.86	789.84	1,764.06	3,760.27	1,275.70	30.00	1,411.98	250.50
Peel and Halton	Brampton	1,180.00	739.12	400.42	1,533.04	3,487.79	1,159.69	200.00	555.00	45.82
Perth	Stratford	1,106.31	1,012.05	33.80	760.77	3,580.49	1,184.48	45.00	353.96	120.76
Peterborough	Lakefield	1,295.43	162.05		808.21	1,298.49	579.25	323.25	27.00	125.00
Prescott and Russell	L'Original		240.00	1,160.00	1,946.76	2,090.73	2,048.11		1,265.45	
Prince Edward	Picton	504.08	303.48	48.20	538.45	1,380.93	1,076.01	223.00	169.52	150.00
Simcoe	Beeton	1,448.34	1,001.66	127.23	1,538.04	6,037.68	1,872.41	181.74	1,100.73	35.72
Stormont, Dundas & Glengarry	Cornwall	2,227.32	675.33	254.95	2,196.45	5,213.25	992.86	140.00	2,781.00	
Victoria	Lindsay	6,358.49	423.25	262.50	1,131.38	5,695.39	903.20	132.60	190.08	
Waterloo	Kitchener	18,153.88	2,083.52	2,800.00	10,004.12	10,115.35	3,921.67	250.00	341.10	600.00
Welland	Welland	1,920.91	916.12	310.00	1,000.88	4,306.85	1,970.95		1,024.04	
Wellington	Fergus	419.87	297.37	400.00	3,890.79	2,197.25	1,012.55	85.80	1,383.75	247.69
Wentworth	Dundas	1,721.41	818.00	436.40	385.30	3,290.03	880.34	357.00	800.76	280.00
York	Newmarket	2,769.31	757.00	542.92	884.53	4,445.89	1,617.50		1,000.97	759.62
	TOTALS	$59,566.21	$19,030.06	$14,552.33	$44,471.54	$117,249.52	$41,611.28	$4,710.21	$25,859.31	$5,019.63

COUNTY REFUGES—EXPENDITURES—JANUARY 1, 1937 TO DECEMBER 31, 1937—Continued

Name	Location	Light and Power	Medical Services, Supplies, Drugs, etc.	Salaries	Stationery, Office Supplies, etc.	Telephone, Telegraph, Freight, etc.	Wages	Water and Ice	All Others	Total Expenditures
Brant	Brantford	$ 291.80	$ 400.00	$ 1,645.00	$ 26.78	$ 75.47	$ 2,842.95	$ 174.13	$ 2,479.63	$ 17,121.71
Bruce	Walkerton	253.61	444.16	1,187.50	40.00	70.38	1,696.50	164.49	355.75	13,672.94
Elgin	St. Thomas	159.58	299.11	1,628.00		91.60	259.50			7,775.71
Essex	Leamington	235.42	434.03	1,635.00	33.79	84.60	2,255.70		906.13	15,658.00
Grey	Markdale	300.00	379.14	1,181.40	49.91	72.00	1,067.22	117.65	20.00	10,255.52
Haldimand	Dunnville	212.50	520.68	600.00	16.31	54.03	1,139.71	169.40	301.72	8,468.55
Hastings	Belleville	298.04	535.96	1,800.00		6.25	2,079.00	238.92	425.37	16,131.22
Huron	Clinton	197.55	624.42	1,800.00	17.00	65.53	1,170.50	200.00	3,161.26	20,950.65
Kent	Chatham	133.96	895.60	1,000.00	4.43	45.00	4,457.29	331.25	1,016.71	15,840.54
Lambton	Sarnia	128.13	334.50	1,202.40	71.70	61.74	1,700.75	136.18	2,271.25	12,412.08
Lanark	Perth	577.54	683.71	1,524.00			2,526.64		2,980.39	18,904.21
Leeds and Grenville	Athens	110.68	541.49	900.00		26.06	1,302.11		69.09	7,659.73
Lincoln	St. Catharines	150.86	210.90	1,114.29	21.11		2,723.79	172.71	139.72	15,491.33
Middlesex	Strathroy	150.00	446.91	1,400.00		74.79	2,359.00		3,726.56	16,643.16
Norfolk	Simcoe	207.13	931.69	1,200.00	62.65	115.73	3,545.05		58.80	17,929.55
Northumberland and Durham	Cobourg	561.78	49.95	1,002.00	11.00	20.30	1,455.20		4,906.83	13,730.35
Ontario	Whitby	245.88	600.38	1,100.00	17.71	25.40	2,016.40	141.04	636.69	19,018.93
Oxford	Woodstock	366.82	440.62	1,025.00	12.00	72.52	1,475.50		180.20	14,021.16
Peel and Halton	Brampton	267.81	500.02	1,200.00		90.66	2,382.54	254.61	300.74	14,297.26
Perth	Stratford	149.00	424.44	900.00	53.31	61.80	528.70	211.00	192.70	10,718.57
Peterborough	Lakefield	216.99	1,010.51	840.00		49.98	936.39	30.60	502.70	8,205.85
Prescott and Russell	L'Original	356.01	502.22	2,700.00		60.00	1,746.30			14,115.58
Prince Edward	Picton	265.92	294.59	1,125.00			1,253.97		537.21	7,870.36
Simcoe	Beeton	628.10	681.30	1,900.00	199.82	125.60	1,427.86	344.00	2,256.88	20,907.11
Stormont, Dundas & Glengarry	Cornwall	596.34	432.07	1,200.00		79.19	3,626.21		1,954.28	22,369.25
Victoria	Lindsay	425.36	371.62	1,260.00	234.03		1,566.20	286.97	242.23	19,483.30
Waterloo	Kitchener	1,136.17	1,476.04	2,300.00	134.39	52.35	9,222.50	575.35	1,497.34	64,663.88
Welland	Welland	515.44	487.16	950.00	51.63	153.44	2,260.59	271.81	461.77	16,601.59
Wellington	Fergus	917.01	283.95	1,650.00	38.59	122.74	1,637.35		236.77	14,821.48
Wentworth	Dundas	187.07	283.50	1,200.00	72.00	74.30	2,664.00	174.07		13,624.18
York	Newmarket	400.00	366.12	1,800.00	76.00	200.00	4,240.80		765.84	20,626.50
	TOTALS	$10,642.50	$15,886.79	$41,969.59	$1,244.16	$2,031.46	$69,566.22	$3,994.18	$32,584.56	$509,990.25

ORPHANAGES

RESIDENTS

Name of Orphanage	Location	Number of Beds	Number of Residents on January 1, 1937	Number Admitted During Year	Total Number Under Lodgement During Year	Total Number Discharged During Year	Number of Deaths During Year	Number Remaining in on December 31, 1937
St. Joseph's Orphanage	Cobourg	35	22	14	36	14	....	22
Nazareth Orphanage	Cornwall	60	51	23	74	26	....	48
St. Joseph's Orphanage	Fort William	132	129	91	220	120	....	100
Boys' Home	Hamilton	60	25	35	60	18	....	42
Girls' Home	Hamilton	50	41	21	62	16	....	46
Home of the Friendless and Infants' Home	Hamilton	120	87	118	205	117	....	88
St. Mary's Orphan Asylum	Hamilton	140	129	63	192	70	....	122
Salvation Army Rescue Home	Hamilton	30	22	150	172	147	2	23
St. Joseph's Orphanage	Hearst	79	86	56	142	47	....	95
Home of the Friendless Women and Infants	Kingston	45	38	57	95	61	2	32
Orphans' Home and Widows' Friend Society	Kingston	20	18	67	85	67	....	18
St. Mary's of the Lake Orphanage	Kingston	120	49	36	85	26	4	55
Kitchener Orphanage	Kitchener	30	21	12	33	13	....	20
Mount St. Joseph Orphanage	London	150	93	48	141	43	....	98
Protestant Orphans' Home	London	55	45	16	61	15	....	46
Ronald Roy Gray Memorial Home	London	35	23	14	37	13	....	24
Salvation Army Rescue Home	London	25	34	140	174	146	....	28
Agnes Stroud Home	Ottawa	43	29	108	137	116	....	21
Protestant Children's Village	Ottawa	50	24	73	97	65	....	32
St. Joseph's Orphanage	Ottawa	280	249	122	371	95	....	276
St. Mary's Home	Ottawa	50	33	106	139	99	2	38
St. Patrick's Home	Ottawa	82	60	59	119	57	....	62
Salvation Army Rescue Home	Ottawa	60	42	139	181	145	1	35
St. Vincent's Orphanage	Peterborough	35	13	4	17	3	....	14
Loyal True Blue and Orange Home	Richmond Hill	200	138	19	157	47	....	110
St. Agatha Orphans' Home	St. Agatha	86	58	38	96	37	....	59
Protestant Orphans' Home	St. Catharines	36	20	7	27	11	....	16
D'Youville Orphanage	Sudbury	55	53	38	91	35	1	55
Boys' Home	Toronto	55	43	15	58	19	....	39
Catholic Welfare Bureau	Toronto	402	319	147	466	64	....	402
Carmelite Orphanage	Toronto	58	41	10	51	12	....	39

Humewood House	Toronto	20	28	60	88	69		19
Infants' Home and Infirmary	Toronto	307	307	540	847	540		307
Jewish Children's Bureau	Toronto		99	85	184	75	2	107
Ontario Odd Fellows' Home	Toronto	20	15	1	16	3		13
Pentecostal Bethel Home	Toronto	14	6	41	47	36	1	10
Protestant Children's Home	Toronto	201	178	317	495	293	1	201
St. Mary's Infants' Home	Toronto	37	37	105	142	111	3	28
Sacred Heart Orphanage	Toronto	85	47	28	75	31		44
Salvation Army Children's Home	Toronto	40	35	21	56	12		44
Victor Home for Women	Toronto	44	13	74	87	61		26
Working Boys' Home of Toronto	Toronto	48	41	97	138	98		40
TOTAL		3,949	2,841	3,215	6,056	3,093	19	2,944

ORPHANAGES

RECEIPTS

Name of Orphanage	Location	Receipts from Paying Residents	Receipts from Municipalities for Indigent Residents	Grants from Municipalities—Federal Government, Etc.	Provincial Grant	Receipts, Investments, Endowments, Donations, etc.	Total Receipts
St. Joseph's Orphanage	Cobourg	$ 33.00	$ 96.00	$ 1,156.00	$ 489.28	$ 4,747.75	$ 6,868.34
Nazareth Orphanage	Cornwall	1,535.30			1,021.05	7,699.50	13,168.98
St. Joseph's Orphanage	Fort William	3,454.69	750.00	11,130.46	1,947.65	8,105.65	25,388.45
Girls' Home	Hamilton	1,237.00		3,194.75	811.35	5,362.62	10,847.87
Boys' Home	Hamilton	606.50	2,523.10	2,126.00	462.50	3,761.44	23,671.83
Home of the Friendless and Infants' Home	Hamilton	182.82	803.30	11,524.80	2,152.50	4,206.40	18,869.82
St. Mary's Orphan Asylum	Hamilton	4,997.75	7,694.72		2,586.80	13,204.75	41,187.11
Salvation Army Rescue Home	Hamilton	4,690.61		100.00	819.90	5,733.62	11,344.13
St. Joseph's Orphanage	Hearst	5,073.07			1,439.50	760.34	11,824.28
Home of Friendless Women and Infants	Kingston	1,588.90	1,000.00		897.40	289.16	3,775.46
Orphans' Home and Widows' Friend Society	Kingston	276.60		1,502.40	998.40	7,258.37	10,035.77
St. Mary's of the Lake Orphanage	Kingston	1,501.90	2,417.95		988.10	7,071.95	23,636.55
Kitchener Orphanage	Kitchener	1,521.02		175.00	218.45	6,186.23	8,100.70
Mount St. Joseph Orphanage	London	1,201.00	4,011.95	2,400.00	1,814.75	20,852.20	39,834.45
Protestant Orphans' Home	London	1,059.50		1,200.00	866.70	8,547.88	11,674.08
Ronald Roy Gray Memorial Home	London	2,237.25			484,90	3,102.87	7,848.11
Salvation Army Rescue Home	London	8,846.25		600.00	1,093.05	7,279.39	20,018.46
Protestant Children's Village	Ottawa	1,262.94		1,580.00	547.05	12,756.38	16,146.37
St. Joseph's Orphanage	Ottawa	4,806.69		17,288.07	5,041.55	9,904.33	41,274.24
St. Mary's Home	Ottawa	110.69	620.00		1,174.70	6,681.61	8,587.00
St. Patrick's Home	Ottawa	2,028.47		450.77	1,205.17	3,793.68	7,478.09
Salvation Army Rescue Home	Ottawa	2,405.73	735.96		1,286.25	5,744.88	10,172.82
St. Vincent's Orphanage	Peterborough	195.00		225.00	357.85	5,345.85	6,154.17
Loyal True Blue and Orange Home	Richmond Hill	1,889.25			2,387.10	29,428.16	33,704.51
St. Agatha Orphans' Home	St. Agatha	733.00		1,000.00	1,034.15	6,156.28	10,505.77
Protestant Orphans' Home	St. Catharines	1,072.25			403.00	8,860.83	10,336.08
D'Youville Orphanage	Sudbury	1,655.00			928.70	3,500.00	6,083.70
Boys' Home	Toronto	2,692.29		817.60	871.45	6,647.90	13,555.41
Catholic Welfare Bureau	Toronto	4,837.77		8,971.40	6,196.25	12,541.58	32,547.00
Carmelite Orphanage	Toronto	1,027.35			834.90	17,809.45	20,768.38

Humewood House	Toronto	694.47			717.90	6,885.93	8,298.30
Infants' Home and Infirmary	Toronto	14,669.12	44,970.67		6,103.20	50,866.42	120,246.31
Jewish Children's Bureau	Toronto	2,643.00	3,507.70		2,089.00	27,892.05	36,131.75
Ontario Odd Fellows' Home	Toronto				382.26	14,110.60	1,449.86
Pentecostal Bethel Home	Toronto	1,587.75			268.60	1,829.10	3,975.24
Protestant Children's Home	Toronto	12,668.25		14,261.04	3,876.35	33,153.12	66,128.41
St. Mary's Infants' Home	Toronto	272.79	1,327.50	487.95	1,087.60	10,946.59	15,362.91
Sacred Heart Orphanage	Toronto	1,332.14			1,001.05	8,776.15	11,732.79
Salvation Army Children's Home	Toronto	2,532.59			736.25	2,785.10	7,919.85
Victor Home for Women	Toronto	403.64			710.15	2,654.64	3,768.43
Working Boys' Home of Toronto	Toronto	7,627.64		500.00	1,337.00	2,147.84	11,612.48
	Total	109,190.98	$70,458.85	$80,691.24	$59,669.76	$405,388.59	$792,034.26

ORPHANAGE

COST OF MAINTENANCE

Name of Orphanage	Location	Total Collective Days Stay of Residents	Total Cost of Dietaries	Other Maintenance Cost	Total Maintenance Cost	Average Cost of each Resident Per Day
St. Joseph's Orphanage	Cobourg	8,399	$ 1,150.18	$ 5,718.16	$ 6,868.34	$ .82
Nazareth Orphanage	Cornwall	18,973	3,960.41	9,208.57	$ 13,168.98	.69
St. Joseph's Orphanage	Fort William	34,451	5,214.10	20,174.35	25,388.45	.74
Boys' Home	Hamilton	12,388	2,557.67	6,932.98	9,490.65	.77
Girls' Home	Hamilton	16,932	3,567.42	7,280.45	10,847.87	.64
Home of the Friendless and Infants' Home	Hamilton	34,228	6,659.27	12,210.55	18,869.82	.52
St. Mary's Orphan Asylum	Hamilton	45,505	11,006.19	30,180.92	41,187.11	.91
Salvation Army Rescue Home	Hamilton	9,644	2,406.45	8,937.68	11,344.13	1.18
St. Joseph Orphanage	Hearst	29,105	5,027.44	6,796.84	11,824.28	.41
Home of the Friendless Women and Infants	Kingston	13,858	1,655.02	3,051.41	4,706.43	.35
Orphans' Home and Widows' Friend Society	Kingston	7,791	909.90	9,125.87	10,035.77	1,29
St. Mary's of the Lake Orphanage	Kingston	11,597	4,324.80	19,311.75	23,636.55	2.04
Kitchener Orphanage	Kitchener	7,753	1,041.32	7,059.38	8,100.70	1.04
Mount St. Joseph Orphanage	London	35,383	7,777.23	32,057.22	39,834.45	1.13
Protestant Orphans' Home	London	16,392	2,370.64	9,303.44	11,674.08	.71
Ronald Roy Gray Memorial Home	London	9,128	2,567.70	5,280.41	7,848.11	.86
Salvation Army Rescue Home	London	12,837	3,904.10	16,114.36	20,018.46	1.56
Protestant Children's Village	Ottawa	11,445	2,741.20	13,405.17	16,146.37	1.41
St. Joseph's Orphanage	Ottawa	94,142	13,855.28	27,418.96	41,274.24	.44
St. Mary's Home	Ottawa	15,219	3,026.15	5,560.85	8,587.00	.56
St. Patrick's Home	Ottawa	23,355	2,277.59	5,480.36	7,757.95	.33
Salvation Army Rescue Home	Ottawa	16,569	2,152.20	8,020.62	10,172.82	.61
St. Vincent's Orphanage	Peterborough	4,192	841.24	5,312.83	6,154.07	.15
Loyal True Blue and Orange Home	Richmond Hill	43,324	6,453.36	27,251.15	33,704.51	.78
St. Agatha Orphans' Home	St. Agatha	20,344	1,224.90	9,280.87	10,505.77	.52
Protestant Orphans' Home	St. Catharines	6,064	1,154.32	9,181.76	10,336.08	1.70
D'Youville Orphanage	Sudbury	18,147	1,526.53	4,557.17	6,083.70	.34
Boys' Home	Toronto	14,417	3,398.74	10,156.67	13,555.41	.94
Catholic Welfare Bureau	Toronto	81,974	4,508.54	28,038.46	32,547.00	.40

Carmelite Orphanage	Toronto	15,272	2,571.94	18,196.44	20,768.38	1.36
Humewood House	Toronto	8,926	1,952.65	6,345.65	8,298.30	.93
Infants' Home and Infirmary	Toronto	114,197	1,547.29	118,699.02	120,246.31	1.05
Jewish Children's Bureau	Toronto	38,316	11,279.29	8,862.30	20,141.59	.53
Ontario Odd Fellows' Home	Toronto	5,095	2,582.27	12,108.83	14,691.10	2.88
Pentecostal Bethel Home	Toronto	3,977	993.25	2,981.99	3,975.24	1.00
Protestant Children's Home	Toronto	74,527	458.12	65,670.29	66,128.41	.89
St. Mary's Infants' Home	Toronto	13,252	4,983.13	10,379.78	15,362.91	1.16
Sacred Heart Orphanage	Toronto	16,670	4,083.11	7,649.68	11,732.79	.70
Salvation Army Children's Home	Toronto	20,440	2,357.16	5,562.69	7,919.85	.39
Victor Home for Women	Toronto	9,822	1,210.45	2,557.98	3,768.43	.38
Working Boys' Home of Toronto	Toronto	14,346	4,334.28	7,278.20	11,612.48	.81
	Total	1,008,366	$147,612.83	$628,702.06	$776,314.89	$35.92

CARE OF HANDICAPPED CHILDREN — ONTARIO — 1938

Name of Club or Organization Giving Care	TOTAL CASES			ORTHOPÆDIC									NON-ORTHOPÆDIC								
	Old	New	Total	Old	New	Total	Poliomyelitis	Tuberculosis	Congenital	Rickets	Accident	Other	Old	New	Total	Eyes	Throat, etc.	Other	Hospital	Out-Patients	Appliances
Alexandria—Catholic Women's League	15	27	42	14	20	34	16	1	3	3	3	8	1	7	8			8	6	12	1
Almonte 100 Club	1	3	4										1	3	4	3		1	1		1
Amherstburg Rotary Club	6	16	22	4	1	5	1			1	2	1	2	15	17	10	7		2	3	1
Barrie Kiwanis Club		3	3		2	2	1				1			1	1			1	3		1
Barrie Lions Club	2	15	17		1	1						1	2	14	16	15		1			14
Belleville Kiwanis Club	1	7	8		2	2					2		1	5	6	2	3	1	1	5	3
Belleville Rotary Club	20	10	30	7	3	10	3				3	4	13	7	20		14	6	17	13	3
Blenheim Rotary Club	3	17	20	3	4	7	4	1	1	1				13	13	3	10		3	19	2
Bowmanville Rotary Club	6	36	42	4	13	17	4	12			1		2	23	25		23	2	40	38	4
Brantford Lions Club		19	19											19	19	15	3	1			15
Brantford Rotary Club	11	18	29	11	14	25	3	3	7	3	5	4		4	4	1		3	3	19	19
Brockville Shrine Club	12	3	15	12	3	15	4	1	7		1	2							15		
Burlington Lions Club		11	11											11	11	4	7				5
Campbellford Rotary Club		9	9		1	1			1					8	8	3	5		7		
Carleton Place 100 Club		1	1		1	1			1											1	
Chatham Kinsmen Club	1		1	1		1			1												
Chatham Rotary Club	6	118	124	6	34	40			40					84	84	4	80		34	90	13
Cobourg Rotary Club	1	83	84	1	13	14	5	2	3	1	3			70	70	23	45	2	18	20	12
Collingwood Progress Club		2	2		1	1		1						1	1	1			1		2
Cornwall Kiwanis Club		9	9		4	4	1		3					5	5	5			4	5	6
Dunnville Lions Club	4	24	28	2	1	3	2		1				2	23	25	7	16	2	18	8	1
Essex Rotary Club		46	46		5	5	1		1	2	1			41	41		35	6	2	43	
Fort Erie Lions Club	3	42	45										3	42	45	45					38
Goderich Lions Club	12	15	27	11	2	13	4		6	2	1		1	13	14	5	8	1	29	1	10
Guelph Rotary Club	12	37	49	9	7	16	5		8		3		3	30	33	14	9	10	22	5	6
Haileybury Rotary Club	1	8	9	1		1	1							8	8	3	5		5	3	3
Hamilton Big Sister Association	22	10	32	21	6	27	14		8			5	1	4	5	2	1	2	5	9	19
Hamilton Rotary Club	15	7	22	15	7	22	12		5	1	4								3		35
Hawkesbury Rotary Club	6	2	8	6	2	8		2	6												
Hespeler Kinsmen Club		7	7											7	7	7					7
Huntsville Rotary Club		65	65		2	2		1			1			63	63	11	52		1		
Ingersoll Kiwanis Club	2	73	75	2	3	5			2	1	1	1		70	70	7		63	4	1	3
Kemptville Rotary Club		15	15		1	1	1							14	14	2	12				
Kingston Rotary Club	6	9	15	5	2	7	3		1		2	1	1	7	8	5	2	1	2	2	10
Kirkland Lake Kiwanis Club		97	97											97	97	33	51	13	1	97	33

Kitchener-Waterloo Rotary Club	64	51	115	53	27	80	11	1	41		8	19	11	24	35		4	31	28	10	8
Leamington Lions Club	6	18	24	3		3			3				3	18	21	12	8	1	2	1	2
Lindsay Rotary Club	7	12	19	7	9	16			11			5		3	3	3					
Listowel Community Club		27	27		3	3	1		1		1			24	24	5	19		22		3
London Kinsmen Club	2		2	2		2			2										2		
London Rotary Club	19	10	29	19	9	28	3	1	17	1	2	4		1	1			1	8	28	25
Meaford Rotary Club		5	5		4	4	3				1			1	1	1			2	2	2
Midland Kiwanis Club	12	42	54	10	8	18	12	1		1	1	3	2	34	36	4	30	2	6	32	5
Mimico-New Toronto Rotary Club	6	41	47	2	19	21	14	1	4	2			4	22	26	26			2	45	47
Napanee Rotary Club	10	44	54	10	4	14	2	2	8		2			40	40	15	12	13	22	12	16
New Liskeard Kiwanis Club		26	26											26	26	16	10				
New Toronto Lions Club		56	56											56	56		56		56		
Niagara Falls Lions Club	36	153	189										36	153	189	170	2	17			158
Niagara Falls Rotary Club	65	7	72	65	7	72	28	2	29	1	7	5							12	60	20
North Bay Lions Club	5	36	41										5	36	41	41					36
North Bay Rotary Club	19	19	38	18	13	31	18	2	11				1	6	7	1		6	12	10	2
Oakville Rotary Club		1	1		1	1						1							1		
Ontario Society for Crippled Children	26	89	115	26	86	112	79	5	14	1	6	7		3	3			3	69	95	24
Orangeville Rotary Club		23	23											23	23		23		23		
Orillia Kiwanis Club	3	8	11		3	3	1		2				3	5	8	5	1	2	5	6	3
Oshawa Kinsmen Club		55	55											55	55		55		55		
Oshawa Rotary Club	83	19	102	58	12	70	15	2	33		4	16	25	7	32	14	2	16	14	25	25
Ottawa Lions Club		130	130											130	130	130					130
Ottawa Rotary Club	73	12	85	73	12	85	42	13	12		2	16							24	48	44
Owen Sound Kiwanis Club	1	27	28										1	27	28	2	25	1	1		2
Owen Sound Rotary Club	22	93	115	22	55	77	42	4	6	5	20			38	38	17	17	4	20	10	28
Paris Lions Club		6	6		2	2			1			1		4	4	4			2		
Parry Sound Rotary Club	1	1	2	1	1	2	2													1	1
Pembroke Kiwanis Club		71	71		3	3			2	1				68	68	3	62	3	71		
Peterborough Kinsmen Club	12	48	60										12	48	60	60					48
Peterborough Rotary Club	3	36	39	3	16	19	10	1	8					20	20		5	15	11	16	7
Petrolia Lions Club	2	13	15		1	1		1					2	12	14	12	2		2	13	13
Port Arthur-Fort William Kiwanis Club		47	47		3	3		1	1		1			44	44	44					46
Port Colborne Lions Club	1	6	7	1	2	3	1				1	1		4	4	4			3	4	4
Port Hope Rotary Club	2	4	6	2		2	2							4	4		4				
Preston Rotary Club	12	19	31	12	15	27	12	3	6	2	3	1		4	4	2	2		16	6	6
Red Cross—Junior	16	48	64	12	16	28	10	10	6		2		4	32	36	15	2	19	24	23	43
Renfrew Rotary Club	3		3	3		3	1	1	1												6
Ridgetown Rotary Club	6	19	25	6		6		2	4					19	19	7	10	2	11	14	1
Ridgeway Lions Club		11	11											11	11	6	5		6		5
St. Catharines Lions Club		155	155											155	155	155					
St. Catharines Rotary Club	32	21	53	30	18	48	15	2	21	6	1	3	2	3	5	1	3	1	17	35	12
St. Mary's Rotary Club	5	11	16	5	3	8	2		5			1		8	8	5	3		3	13	9
St. Thomas Kiwanis Club	30	59	89	30	24	54	11	1	26	2	5	9		35	35	34		1	16	54	10
Sarnia Rotary Club	36	25	61	35	21	56	9	5	32		1	9	1	4	5		1	4	12	3	20

CARE OF HANDICAPPED CHILDREN - ONTARIO - 1937 - *Continued*

Name of Club or Organization	TOTAL CASES			ORTHOPÆDIC									NON-ORTHOPÆDIC								
	Old	New	Total	Old	New	Total	Poliomyelitis	Tuberculosis	Congenital	Rickets	Accident	Other	Old	New	Total	Eyes	Throat, etc.	Other	Hospital	Out-Patients	Appliances
Sault Ste. Marie Rotary Club	19	23	42	17	11	28	11	1	9		3	4	2	12	14	1	5	8	7	5	7
Seaforth Lions Club	8	35	43	8	10	18	11	1	4			2		25	25	9	10	6	22	3	18
Shrine, Mocha Temple	3	4	7	3	4	7	2		5										4	7	3
Shrine, Rameses Temple	32	45	77	22	37	59	25	4	28	1	1		10	8	18	3	5	10	38	40	96
Simcoe Lions Club	2	48	50										2	48	50	50					50
Simcoe Rotary Club	8	7	15	8	4	12	2		6	1	1	2		3	3		1	2	4	2	
Smiths Falls Rotary Club	3	4	7	3	1	4	4							3	3	3				4	7
Stratford Rotary Club	33	136	169	26	43	69	10		44	1	9	5	7	93	100	43	14	43	58	111	
Sudbury Lions Club	3	46	49	1	1	2			1			1	2	45	47	44	3		2	3	44
Sudbury Rotary Club		6	6		6	6			6										6		4
Thamesville Rotary Club		18	18		1	1		1						17	17	6	9	2	11	2	6
Toronto Kiwanis Club		4	4		3	3			3					1	1	1					4
Toronto (West) Kiwanis		52	52		36	36	34				2			16	16	13	3				1
Toronto Optimist Club		6	6											6	6	6					
Toronto Rotary Club	330	154	484	330	152	482	174	50	38	22	10	188		2	2			2			462
Wallaceburg Kinsmen Club		14	14											14	14	1	13		1		3
Welland Rotary Club	9	12	21	5	4	9	3		4		2		4	8	12	2	8	2	14	2	3
Whitby Rotary Club	2	6	8	2	2	4	3				1			4	4	4			1		2
Windsor Lions Club	208	191	399		6	6			6				208	185	393	393			7		
Windsor Rotary Club	88	55	143	88	55	143	25	2	60	14	7	35							20	55	7
Woodstock Rotary Club	49	15	64	49	15	64	12	1	27	5	4	15							13	61	12
Totals	1585	3349	4934	1205	943	2148	747	145	653	81	142	380	380	2406	2786	1623	822	341	1035	1255	1806

CARE OF HANDICAPPED CHILDREN—ONTARIO, 1937

SUMMARY OF OTHER SERVICES

Names of Organizations	Dental	Blind	Camp	Nourish-ment	Other	Names of Organizations	Dental	Blind	Camp	Nourish-ment	Other
Alexandria—Catholic Women's League					×	Listowel Community Club					×
Almonte 100 Club					×	London Kiwanis Club					×
Aylmer Rotary Club		×				London Rotary Club			×		×
Barrie Kiwanis Club				×		Mimico-New Toronto Rotary Club					×
Belleville Rotary Club					×	North Bay Lions Club	×				
Brantford Rotary Club					×	Ont. Society for Crippled Children			×		×
Brockville Shrine Club					×	Oshawa Kiwanis Club			×		
Chatham Kinsmen Club	×		×	×	×	Oshawa Rotary Club		×			×
Chatham Kiwanis Club					×	Ottawa Kinsmen Club					×
Cobourg Rotary Club					×	Ottawa Kiwanis Club				×	
Collingwood Progress Club			×			Ottawa 100 Club					×
Delhi Kinsmen Club					×	Ottawa Rotary Club					×
Goderich Lions Club					×	Peterborough Kiwanis Club				×	
Guelph Rotary Club			×			St. Catharines Kinsmen Club				×	
Hamilton Big Sister Association	×			×	×	Shrine, Mocha Temple					×
Hamilton Lions Club		×			×	Shrine, Rameses Temple					×
Hamilton Rotary Club			×		×	Strathroy Lions Club				×	
Kirkland Lake Kiwanis Club				×		Toronto Civitan Club			×		
Kitchener-Waterloo Kiwanis Club			×			Windsor Kiwanis Club			×		

TWELFTH REPORT

OF THE

LIQUOR CONTROL BOARD

OF

ONTARIO

From April 1st, 1937 to March 31st, 1938

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 20, 1939

ONTARIO

TORONTO
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1939

TORONTO, MARCH 17th, 1939

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOR:

The undersigned has the honour to transmit to Your Honour the Twelfth Report of the Liquor Control Board of Ontario for the year ended 31st March, 1938.

Respectfully submitted,

M. F. HEPBURN,
Prime Minister and President of the Council.

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Liquor Control Board
of Ontario

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454 UNIVERSITY AVENUE,
TORONTO 2, ONTARIO,
FEBRUARY 15th, 1939.

To THE HONOURABLE MITCHELL F. HEPBURN,
Prime Minister and Provincial Treasurer of Ontario,
Parliament Buildings, Toronto 5, Ontario.

Sir:—

I have the honour to submit herewith the Twelfth Report of the Liquor Control Board of Ontario for the twelve months' fiscal period which ended the 31st of March, 1938.

FINANCIAL STATEMENT

The Balance Sheet, certified to by Messrs. Brokenshire, Scarff & Co., Chartered Accountants, shows the amount of fixed assets to be $128,959.50. This amount represents the value of the Board's real estate consisting of the land and buildings situated at 154 Wellington St. W., Toronto, and 201 Victoria Ave., Fort William, occupied as warehouses, and, the value of all furniture, equipment and alterations in the various premises occupied by the Board, less depreciation, which, since the commencement of operations in June, 1927, has been provided out of profits to an extent of $965,918.30.

Other assets totalled $2,485,967.25, being comprised of the following items:—

Cash on hand and in transit from branch banks	$ 161,661.06
Accounts Receivable—hospital charge sales, beer levies, duty recoverable items, freight claims, fines, etc	181,880.64
Inventories of liquors and supplies	2,124,637.66
Prepaid items	17,787.89

Liabilities amounted to $1,735,593.00, as follows:—

Accounts Payable—for liquors and supplies, accrued charges, etc.	$1,691,818.81
Due Provincial Treasurer—for permit sales and confiscated stock	43,774.19

Sales of permits during the twelve months amounted to a net figure of $556,579.49, which with the amount unpaid from the previous year of $2,416.13, totalled $558,995.62, of which $525,000.00 was remitted to the Provincial Treasurer, in accordance with the requirements of the Liquor Control Act of Ontario, Section 18 (2).

The item of $9,778.57 represents a balance due to the Provincial Treasurer for forfeited liquor which was purchased by the Board after careful examination, and in accordance with the provisions of Section 132 (2) of the Act.

Contingent liabilities amounted to $1,188,879.73. These items comprise the value of undelivered and consignment orders and, also, the amount of customs or excise duties which will have to be paid on the goods which were in bond on our premises on March 31st, when the same are cleared. These items are not chargeable against, nor do they affect the operations of the Board for the period under review.

The Profit and Loss Account shows sales for the twelve months from Liquor Control Board stores of $22,830,002.37.

The same account shows a gross trading profit of $8,308,738.92 with total expenses including depreciation and items written off, of $1,793,685.56, which resulted in a net trading profit of $6,515,053.36. This latter sum, together with other revenue which amounted to $3,378,533.73, resulted in a total profit of $9,893,587.09, which is carried to the Surplus Account.

For the purpose of comparison, the percentage that the cost of stock sold, miscellaneous earnings and expenses and other revenue bear to the sales are given for the fiscal year of 1937 and the twelve months' period herewith reported upon.

The Surplus Account shows a balance at the commencement of the period of $956,368.75, this being the amount of accumulated profits from previous years' operations which had not been transferred to the Provincial Treasurer. Added to this is a twelve months' profit of $9,893,587.09, which, together with $4,377.91 representing sundry adjustments, resulted in an amount of $10,854,333.75. From this sum, $9,975,000.00 was remitted to the Provincial Treasurer. The total payments to the Provincial Treasurer during the twelve months were, therefore:—

On Account of Profits	$ 9,975,000.00
On Account of Permits	525,000.00
	$10,500,000.00

Besides the Balance Sheet, Profit and Loss Account, and the Surplus Account, statements showing summary of sales and the expenses of administration and operation for the twelve months are also attached. Individual percentages which these expenses bear to the total sales are given for the twelve months and also for the preceding fiscal period, on the expense statement. On March 31st, 1938, the staff comprised 848 employees as against 830 employed one year previously.

In addition, all Liquor Board stores, brewers' warehouses, breweries and wineries privileged to sell alcoholic beverages in Ontario, as of March 31st, 1938, are set forth on Schedule III attached; a classification of permit and license sales appears on Schedule IV, and a summary of Authorities, Standard Hotel Licenses and Light Beer Permits issued, cancelled, suspended, surrendered and reinstated during the year, with the number operative on March 31st, is set forth on Schedule V.

Sales

The sale of spirits, beer and wine from liquor stores during the twelve months amounted to $22.830,002.37. The net value of beer sold from breweries and brewers' warehouses, i.e., exclusive of any charge for containers, totalled $26.289,136.05. Sales of native wines made direct to customers from licensed native wine sales offices, and, where permitted, from the winery premises, amounted to $1,886.530.27.

During the year the Board continued to maintain the safeguards created in the past to ensure that the various brands of beverages offered for sale in Ontario conform to satisfactory standards and are uniform in quality. This is accomplished by the selection of products of reputable producers, the making of grading tests by a group of experienced officers, and extensive analytical work which is carried out in the Department of Health laboratories under the direct charge of the Chief Provincial Analyst, as well as strict supervision over all stocks in stores and warehouses.

The following comparative sales statistics are given for the fiscal year under review and also for the preceding twelve months:—

Value

	Twelve Months ending March 31, 1937	Twelve Months ending March 31, 1938	Increase or Decrease	Percentage	
Domestic Spirits	$12,266,537.33	$13,825,094.49	$1,558,557.16	Inc.	12.7
Imported Spirits	5,183,489.91	5,690,553.47	507,063.56	Inc.	9.7
Domestic Wines	1,445,688.80	1,470,894,70	25,205.90	Inc.	1.7
Imported Wines	644,276.72	621,414.71	22,862.01	Dec.	3.5
Domestic Beers	1,114,811.45	1,136,143.25	21,331.80	Inc.	1.9
Imported Beers	78,563.50	85,901.75	7,338.25	Inc.	9.3
Total Sales from Liquor Stores	$20,733,367.71	$22,830,002.37	$2,096,634.66	Inc.	10.1
B. & B. W. Sales (Domestic Beer Exclusive of Container Value)	23,715,895.69	26,289,136.05	2,573,240.36	Inc.	10.9
Wineries' Sales (Domestic Wines)	1,660,637.35	1,886,530.27	225,892.92	Inc.	13.6
Total	$46,109,900.75	$51,005,668.69	$4,895,767.94	Inc.	10.6

Gallonage

	Twelve Months ending March 31, 1937	Twelve Months ending March 31, 1938	Increase or Decrease	Percentage	
Domestic Spirits	1,095,546	1,239,164	143,618	Inc.	13.1
Imported Spirits	298,925	327,971	29,046	Inc.	9.7
Domestic Wines	670,783	704,834	34,051	Inc.	5.0
Imported Wines	71,747	69,071	2,676	Dec.	3.7
Domestic Beers	689,545	702,741	13,196	Inc.	1.9
Imported Beers	20,869	23,057	2,188	Inc.	10.4
Total Sales from Liquor Stores	2,847,415	3,066,838	219,423	Inc.	7.7
B. & B. W. Sales (Domestic Beer)	22,606,732	25,096,435	2,489,703	Inc.	11.0
Wineries' Sales (Domestic Wines)	737,673	861,846	124,173	Inc.	16.8
Total	26,191,820	29,025,119	2,833,299	Inc.	10.8

STORES

The number of liquor stores in operation on March 31st was one hundred and twenty-six; no change in the number having occurred during the year.

Five stores were moved to new locations, as follows:—

No. 24—Port Colborne—from 88 Fraser Street to 216 King Street on September 9th, 1937.
No. 46—Sarnia—from Christina and Cromwell Streets to 224 Front Street North, on May 28th, 1937.
No. 52—Welland—from 269 Main Street East to 24-26 Cross Street, on September 20th, 1937.
No. 57—Belleville—from 52 Bridge Street East to 37 Bridge Street East, on July 4th, 1937.
No. 84—Picton—from South side of Main Street to North side of Main Street, February 7th, 1938.

BREWERIES AND BREWERS' WAREHOUSES

On March 31st, 1938, there were twenty-six Ontario and four Quebec breweries licensed to sell their products in Ontario.

The number of Ontario and Quebec licenses did not change from the previous year, but Drewry's of Winnipeg, Manitoba, discontinued the Ontario sale of their products at the conclusion of the previous year.

The gallonage of domestic strong beer sold in Ontario during the years 1934 to 1938 inclusive, as computed from the sales records of the Board and with respect to sales to destinations outside Ontario from the monthly reports of the Ontario brewers was as follows:

	1934 (12 months) Gallons	1935 (5 months) Gallons	1936 (12 months) Gallons	1937 (12 months) Gallons	1938 (12 months) Gallons
Sales from Liquor Stores' stock	896,529	291,430	730,535	668,137	686,716
Beer orders taken at Liquor Stores for delivery by breweries and brewers' warehouses	58,162	10,564	21,035	21,408	16,025
Sales from breweries and brewers' warehouses	10,936,751	6,410,474	20,874,503	22,606,732	25,096,435
Total Ontario Sale of Domestic Beer	11,891,442	6,712,468	21,626,073	23,296,277	25,799,176
Sales to other Provinces	1,444,135	394,722	1,360,366	1,650,344	1,905,459
Export Sales	63,207	10,569	3,396	3,410	3,619
Total	1,507,342	405,291	1,363,762	1,653,754	1,909,078

The number of Brewers' Warehouses in operation at the year end totalled one hundred and two, one warehouse at Ottawa having been closed on March 31st, 1937.

From June 15th to September 15th, a warehouse was operated at Riverside.

During the year under review, seven warehouses were moved to new locations, as follows:—

17W. Windsor—from 1350 Ottawa Street East to 881 Erie Street East—as of April 1st, 1937.

43W. Smiths Falls—from Beckwith Street to 16 Victoria Street North—as of May 29th, 1937.

105W. Fort William—from 141 Hardisty Street to 325 Simpson Street—as of June 17th, 1937.

97W. Morrisburg—from 1 Main Street to the Brown Block on Locke Street—as of July 12th, 1937.

53W. Pembroke—from 193 Victoria Street to 186 Victoria Street—as of July 26th, 1937.

14W. London—from 665 Dundas Street to 594 Dundas Street—as of August 26th, 1937.

62W. Huntsville—from Main Street to the corner of Main and Brunel Streets—as of September 15th, 1937.

WINERIES

The Board has continued its endeavour to improve the quality of native wine. Through these efforts, the price of grapes paid by the manufacturer to the grower has been maintained at a figure which permits the grower to keep his vineyard in good condition, making possible the production of high-grade grapes, without which, good wine cannot be produced.

The encouragement given by the Board towards centralized manufacturing of native wine continued to result in the installation of improved manufacturing apparatus and facilities in the respective wineries, as well as the employment of more highly skilled technicians.

The laboratory facilities of the Provincial Health Department were again utilised for the conducting of numerous native wine analyses, as well as for the supplying of pure cultures of wine yeast to the native wineries desiring them. The number of analyses of native wines carried out during the year totalled four hundred and sixty-three, and forty-nine yeast cultures were sent to eleven wineries. All wines which failed to conform to satisfactory standards have been required to be removed from sale. Close inspection in all wineries of financial records, as well as processing, was continued.

This combination is largely responsible for the improvement which has taken place in the wines produced in Ontario during the past five years.

A comprehensive revision of the Board's Regulations with respect to native wine was being conducted at the close of the year and such revised Regulations have since become operative, and should undoubtedly facilitate more effective administration.

From April 1st, 1937, to the fiscal year end, the following Native Wine Licenses were purchased by other Licensees and surrendered to the Board. In each case the Board, in accordance with the provisions of Regulation No. 106, sanctioned the operation by the licensee who surrendered the license of a retail sales shop in an approved location:

Date	License	Purchased and Surrendered by	Retail Sales Office Authorized at
June 8th, 1937	Windsor Co. Ltd., Windsor	T. G. Bright & Co., Niagara Falls	564 Ouelette Ave., Windsor
Feb. 16th, 1938	Hamilton-Niagara Wines, Ltd., Hamilton	Turner Wine Co., Toronto	15 King William St., Hamilton

The Danforth Wine Company Limited obtained a new charter under the name of Danforth Wines Limited under date of March 18th, 1938.

The Board, during the year, authorized the following transfers of sales offices:—

Licenses	From	To	Opening Date of New Shop
Barnes Wines Limited	701 Yonge St., Toronto	703 Yonge St., Toronto	May 6th, 1937
Danforth Wines Limited	43 Market Square Stratford	1426 Yonge St., Toronto	May 15th, 1937
T. G. Bright & Co., Limited	24 King St. W., Hamilton	513 St. Clair Ave. W., Toronto	June 3rd, 1937

From the monthly reports submitted to the Board by the respective wineries, the following statistics of gallonage of Native Wine sold have been compiled:—

	1934 (12 months) Gallons	1935 (5 months) Gallons	1936 (12 months) Gallons	1937 (12 months) Gallons	1938 (12 months) Gallons
Sale at Wineries	390,106	219,645	557,645	737,673	861,846
Sales to the Board	942,064	404,102	637,521	675,551	690,635
Total Ontario Sales	1,332,170	623,747	1,195,166	1,413,224	1,552,481
Sales to other Provinces	1,443,320	546,738	1,159,010	1,014,810	1,111,769
Export Sales	35,041	3,807	2,483	4,520	3,581
	2,810,531	1,174,292	2,356,659	2,432,554	2,667,831

During the year, the tonnage of grapes used in the manufacture of wine, concentrates, grape juice, and brandy, was 12,161 tons for wine; 1,369 tons for concentrates; 588 tons for grape juice, and 667 tons for brandy.

Two hundred and thirty-three tons of cherries were also used for wine making.

During the preceding year, 179,898 gallons of native wine were distilled into grape spirit for wine fortification, while during the year under review, 226,418 gallons were used for such purpose.

The sale of Canadian Brandy—a product of the Ontario grape—again increased. In the year ending March 31st, 1937, 12,196 gallons were sold, while 13,791 gallons were sold during the past year.

At the close of the year there were twenty-nine winery licenses operative, compared with thirty-one at the end of the previous year, direct sale to customers being made from the premises of ten wineries and thirty-nine branch retail sales shops.

Authorities for the Sale of Beer and Wine

Complete details by Municipalities of the number of Authorities which were issued, cancelled, suspended or surrendered during the year, together with reinstatements, are set forth on Schedule V.

On March 31st, 1938—the end of the fiscal year—there were one thousand, one hundred and forty-seven Hotel Authorities in operation, two hundred and thirty-three Club Authorities, one hundred and nineteen Military Mess Authorities and one Railway Authority.

Authorities were issued for six months to fifty-three Summer Hotels. Of these, five were extended to an annual basis after payment of the required additional fee.

The fee for Hotel and Railway Authorities was continued at six cents per gallon of beer purchased and five per cent. of the value of wine bought, payable monthly, with a minimum fee of $300.00 per annum for full year Authorities and $150.00 for the six months' Summer Hotel Authorities.

For Social Club Authorities, the annual fee was continued at $100.00; for Soldier and Labour Clubs, $50.00; for Steamship Authorities, $50.00, and for Military Mess Authorities, $10.00.

Payments to Municipalities

In accordance with the Act and the governing Order-in-Council, the Board paid to the various municipalities 20% of the fees received from their local hotel authority holders. Three hundred municipalities participated in this disbursement, which totalled $194,524.80, same being paid during May, 1938.

Hotels

On March 31st, 1938, one thousand three hundred and thirteen Standard Hotel Licenses were effective, of which one thousand one hundred and forty-seven possessed an Authority to sell beer and wine; forty-five were holders of Light Beer Permits and one hundred and twenty-one held only the Standard Hotel License. There was no change in fees.

Frequent inspections were made of all hotels in the Province by the Board's twenty-three inspectors, who are required to submit monthly conduct reports in respect to each premises visited.

The co-operation of the Provincial Fire Marshall and his staff in the matter of fire prevention in hotels and other authorised premises has at all times been extended to the Board and is gratefully acknowledged.

Likewise, the Board is indebted to the Provincial Department of Health, which assisted in the issuance of our revised regulations with respect to the sterilization and cleansing of beverage glasses and other utensils in use in hotels and authorised premises throughout the Province.

PERMITS

From April 1st, 1937, to March 31st, 1938, there were 50,880 Individual Annual Liquor Permits issued. The sales of Single Purchase Permits totalled 3,116,729. Individual Permits sold to non-residents, valid for a period not exceeding one month, numbered 49. In addition, 2,216 Special Permits were issued to Physicians, Druggists, Hospitals, etc.

During the year the Board continued to give full co-operation to municipal officers and departments administering relief.

In many municipalities, relief authorities keep hotels and other authorised vendors of liquor supplied direct with up-to-date lists of persons on relief, and, in keeping with the Board's policy, every endeavour is made to prevent such persons from buying intoxicants.

In accordance with the requirements of the Act, the Board, after thorough investigation, deemed it advisable during the year to issue 3,074 Prohibitory Orders, an increase of 800 over the preceding year. Such action followed either notification relative to conviction for violation of the Act, or the receipt of a request or recommendation from some interested party, such as a relative, friend, magistrate, police officer, physician, relief officer, etc. These Prohibitory Orders comprised 612 full Board Orders, which precluded the individual concerned from purchasing alcoholic beverages from any source. Included therein were 40 which resulted from Judges' Orders of Interdiction and 44 from conviction for intoxication while in charge of a motor vehicle.

The remaining 2,462 were Orders which cancelled the individual's privilege to purchase alcoholic beverages for home consumption.

With respect to the 2,462 cases referred to, 725 were the result of convictions having been registered under the Criminal Code of Canada for intoxication while in charge of an automobile. A further 953 followed the conviction of the individual for violation of the Liquor Control Act, and the premises of 567 of these were declared a "public place" within the meaning of the Act. The other Orders were issued as being in the best interest of all concerned according to the judgment of the Board from the available information at hand.

In addition, in a number of other cases, it was considered advisable to afford the individual restricted purchasing privileges only, such as allowing the purchase for home consumption, from a specified store, of a limited quantity per week or month.

During the twelve months under review, after full investigation and consideration, it was decided to revoke 204 of the Prohibitory Orders which had been made effective at some prior date.

During the year, 1,583 Special Permits were issued to Druggists. These permits constituted authority for the druggist to purchase alcohol in limited quantities for compounding and pharmaceutical purposes and also accorded him the privilege of buying rubbing alcohol for re-sale. The premises of holders of Druggists' Special Permits were subject to periodical inspection, and, in addition, Druggists were required to file monthly with the Board a report of all rubbing alcohol sales.

Continued efforts were made to prevent the use of rubbing alcohol as a beverage and during the year the names of ninety-two addicts were posted with all druggists in the larger communities of the Province.

For failure to comply with the Board's Regulations, it became necessary during the year to cancel three and to suspend five Druggists' Special Permits.

GENERAL

The various Police Departments continued their close co-operation with the Board throughout the year, with satisfactory results, and for which the Board desires to record its appreciation.

In conclusion, the Board is gratified to be able to convey, through this Report, its thanks to the personnel for their loyal endeavours during the past year.

I have the honour to be, Sir,

Your obedient servant,

E. G. ODETTE,
Chief Commissioner.

BALANCE SHEET

March 31st, 1938

ASSETS

Land, Buildings, Furniture, Equipment, Fixtures and Alterations to rented premises, less amounts written off		$ 128,959.50
Cash on hand, in transit, and in banks	$ 161,661.06	
Accounts Receivable	181,880.64	
Inventories of liquor and supplies in warehouses and stores	2,124,637.66	
		2,468,179.36
Prepaid Charges		17,787.89
		$2,614,926.75

LIABILITIES

Accounts Payable, accrued charges, deferred revenue, etc		$ 1,691,818.81	
Due Provincial Treasurer, for			
Permit Sales—Balance from March 31st, 1937	$ 2,416.13		
Permit Sales—April 1st, 1937, to March 31st, 1938 (Net)	556,579.49		
	$558,995.62		
Less: Paid to Provincial Treasurer	525,000.00		
		33,995.62	
Confiscated Liquor Stocks		9,778.57	
			$1,735,593.00
Surplus:			
Balance carried from Surplus Account		$10,854,333.75	
Less: Paid to ProvincialTreasurer		9,975,000.00	
Balance March 31st, 1938			879,333.75
			$2,614,926.75

Contingent Liabilities:

Liquor ordered but not delivered	$627,795.80
Duty on Stocks in Bond	519,065.38
Consignment Stock	42,018.55

AUDITORS' CERTIFICATE

We report that we have audited the books and accounts of The Liquor Control Board of Ontario for the year ended March 31st, 1938, and, in our opinion, the above Balance Sheet exhibits a true and correct view of the position of its affairs on that date.

BROKENSHIRE, SCARFF & CO.,
Chartered Accountants.

Toronto, Ontario, May 28th, 1938.

PROFIT AND LOSS ACCOUNT

For the year ended March 31st, 1938

				Percentage to Sales 1937-1938	Percentage to Sales 1936-1937
Sales by Vendors—Schedule I		$22,830,002.37		100.00%	100.00%
Stock on hand, April 1st, 1937	$ 1,934,456.48				
Purchases	14,687,656.13				
	$16,622,112.61				
Less: Stock on hand March 31st, 1938	2,097,593.63				
Cost of Sales by Vendors		14,524,518.98		63.62%	63.33%
			$8,305,483.39	36.38%	36.67%
Miscellaneous earnings			3,255.53	.01%	.04%
			$8,308,738.92	36.39%	36.71%
Expenses:					
Administering and operating Head Office, Warehouses and Stores—Schedule II		$ 1,768,167.47			
Items written off		2,806.00			
Depreciation on Buildings, Furniture, Equipment, Fixtures and Alterations to rented premises written off and reserved for	$ 26,556.29				
Less: Included in Administration and Operating Expenses (Maintenance)	3,844.20	22,712.09	1,793,685.56	7.86%	8.40%
			$6,515,053.36	28.53%	28.31%
Other Revenue:					
Brewery Warehouse License Fees		$ 145,550.00			
Brewery License Fees		96,250.00			
Malt Tax		1,716,971.48			
Gallonage Tax		392,680.51			
Authority Holders' Fees		858,112.68			
Light Beer Licenses, etc		24,363.00			
Fines (Net)		51,306.57			
Native Wine Tax		93,299.49			
			3,378,533.73	14.80%	14.91%
Carried to Surplus Account			$9,893,587.09	43.33%	43.22%

SURPLUS ACCOUNT

March 31st, 1938

Balance, April 1st, 1937		$ 956,368.75
Sundry Adjustments		4,377.91
Profit for year ended March 31st, 1938		9,893,587.09
Balance carried to Balance Sheet	$10,854,333.75	
	$10,854,333.75	$10,854,333.75

SCHEDULE I

SUMMARY OF SALES

For the year ended March 31st, 1938

Store counter and mail order sales of wines, spirits and beer	$22,804,849.92
Beer orders taken at stores for delivery by breweries and brewers' warehouses	25,152.45
	$22,830,002.37

SCHEDULE II

ADMINISTRATION AND OPERATING EXPENSES HEAD OFFICE, WAREHOUSES AND STORES

For the year ended March 31st, 1938

and

Number of Employees on the Staff at March 31st, 1938

		Percentage to Total Sales	
		1937-1938	1936-1937
Salaries	$1,065,203.37	4.67%	4.99%
Legal and Audit	13,999.96	.06%	.07%
Rents paid, less received	198,287.28	.87%	1.02%
Superannuation	49,223.77	.22%	.25%
Travelling	52,922.81	.23%	.24%
Insurance	12,136.26	.05%	.06%
Postage	11,882.14	.05%	.05%
Telephone and Telegraph	12,996.00	.06%	.06%
Stationery	41,361.96	.18%	.21%
Protection Service	5,057.38	.02%	.02%
Breakage	2,888.53	.01%	.01%
Light, Heat and Power	31,288.18	.14%	.14%
Repairs and Maintenance	29,180.12	.13%	.13%
Sundries	19,238.71	.08%	.07%
Freight and Cartage	131,093.13	.57%	.60%
Terminal Warehouse Charges	45,946.89	.20%	.17%
Discounts to Hospitals, etc	2,100.99	.01%	.01%
Truck Maintenance	18,800.26	.08%	.09%
Packing Materials	24,559.73	.11%	.11%
	$1,768,167.47	7.74%	8.30%

NUMBER OF EMPLOYEES ON THE STAFF

(Including 39 temporary employees whose services are either part time or seasonal.)

Commissioner's Staff		3
Director of Hotels and Personnel		31
Comptroller's Staff		10
Legal Department		1
Accounting Department		67
Beer and Wine Department		27
Permit Department		22
Purchasing and Supply Department		9
Traffic Department		3
Customs Department		4
Stock Supervision Department		14
Brewery Inspection Department		31
Winery Inspection Department		3
Store Inspection Department		11
Supervision of Stores and Properties		4
Head Office Maintenance Staff		4
Garage		8
Stores	524	
Warehouses	72	
		596
Total		848

SCHEDULE III

LIQUOR STORES, LICENSED BREWERS' WAREHOUSES, BREWERIES AND WINERIES IN ONTARIO AT 31st MARCH, 1938.

LIQUOR STORES

Store No.		
1	Church and Lombard Streets	Toronto
2	122 Wellington Street West	Toronto
3	1271 Dundas Street West	Toronto
4	170 Danforth Avenue	Toronto
5	1881 Queen Street East	Toronto
6	1271 Queen Street West	Toronto
7	2223 Dundas Street West	Toronto
8	928 St. Clair Avenue West	Toronto
9	959 Bloor Street West	Toronto
10	543 Yonge Street	Toronto
11	949 Gerrard Street East	Toronto
12	402 Parliament Street	Toronto
13	1448 Danforth Avenue	Toronto
14	454 Spadina Avenue	Toronto
15	292 Dupont Street	Toronto
16	106 Richmond Street West	Toronto
18	Midland Avenue and Kingston Road	Scarboro Bluffs
19	Rogers Road and Blackthorn Avenue	Toronto
20	802 Lake Shore Road	New Toronto
21	29 Charles Street	Hamilton
22	673 King Street East	Hamilton
23	1057 Barton Street East	Hamilton
24	216 King Street	Port Colborne
25	81 King Street West	Dundas
26	419 Talbot Street	London
27	629 Dundas Street	London
28	12 Canal Street	Dunnville
29	Berford Street	Wiarton
30	82 Durham Street	Walkerton
32	94 Wyandotte Street East	Windsor
33	241 Drouillard Road	Windsor
34	628 Chilver Road	Windsor
35	3236 Sandwich Street West	Windsor
36	272 Queen Street	Ottawa
37	685 Bank Street	Ottawa
38	188 Rideau Street	Ottawa
39	King Street East	Cobourg
40	Market Square	Kingston
41	209 Victoria Avenue	Fort William
42	101 King Street West	Brockville
43	137 King Street East	Kitchener
44	69 Dalhousie Street	Brantford
45	408 George Street	Peterborough
46	224 Front Street North	Sarnia
47	23 Ontario Street	St. Catharines
48	937 Victoria Avenue	Niagara Falls
49	66 Pitt Street	Cornwall
50	Cedar and Elgin Streets	Sudbury
51	72 Carden Street	Guelph
52	24-26 Cross Street	Welland
53	66 Cumberland Street South	Port Arthur
54	88 Main Street East	North Bay
55	185 Alexander Street	Pembroke
56	Water Street	Prescott
57	37 Bridge Street East	Belleville
58	4 Balsam Street North	Timmins
59	72 Collier Street	Barrie
60	88 Ontario Street	Stratford
61	210 King Street West	Chatham
62	314 Talbot Street	St Thomas
63	343 Queen Street East	Sault Ste. Marie

LIQUOR STORES—Continued

Store No.		
64	516 Dundas Street	Woodstock
65	Front Street	Trenton
66	6th Avenue North	Cochrane
67	Main and Ferguson Streets	Haileybury
68	214 Main Street South	Kenora
69	Church Street and Mowat Avenue	Fort Frances
70	22 Beckwith Street	Smith's Falls
71	King and Main Streets	Gananoque
72	34 Gore Street	Perth
73	610 King Street	Preston
74	61 Robinson Street	Simcoe
75	226 Devonshire Avenue	Iroquois Falls
76	Prospect Avenue and Silver Street	Cobalt
77	121 Main Street	Penetang
78	Wellington Street	New Liskeard
79	79 Walton Street	Port Hope
80	Parry Sound Road	Parry Sound
81	Main and Queen Streets	Sturgeon Falls
82	79 Kent Street	Lindsay
83	31 Main Street West	Hawkesbury
84	Main Street	Picton
85	Daniel and Elgin Streets	Arnprior
86	Queen and White Streets	Dryden
87	Front Street	Sioux Lookout
88	River Street East	Paris
89	Main and Mattawa—Pembroke Highway	Mattawa
90	68 Simcoe Street North	Oshawa
91	69 Duncan Avenue	Kirkland Lake
92	91 Fourth Avenue	Englehart
93	Gilmour Road	Fort Erie
94	Bridge Street North	Eganville
95	21 Water Street North	Galt
96	112 Main Street	Deseronto
97	Dundas Street	Napanee
98	22 Main Street	Alexandria
99	Emard Street	Embrun
100	25 Albert Street	Thorold
101	48 Main Street	Grimsby
102	Muskoka Street	Gravenhurst
103	Tudhope Street	Espanola
104	Main Street East	Thessalon
105	Concession Street	Tamworth
106	Main Street	Huntsville
107	Main Street	Palmerston
108	Woodward Avenue	Blind River
109	Murray and Bathurst Streets	Amherstburg
110	46 Wallace Street	Wallaceburg
111	Bedford Street	Westport
112	37 Government Road	Kapuskasing
113	Opongo Street	Barry's Bay
114	Corner Fourth Street and Broadway	Rainy River
115	43 King Street North	Waterloo
116	26 Arthur Street	Elmira
117	17 Birch Street	Chapleau
118	114 Young Street	Capreol
119	9 Main Street	Merrickville
120	West Dock	Pelee Island
121	1008 Wellington Street West	Ottawa
122	George Street	Hearst
123	Main Street	Lancaster
124	Corner Picton and King Streets	Niagara-on-the-Lake
125	99 Laurier Street	Rockland
126	Queen Street	Tilbury
127	Main Street	Morrisburg
128	Bruce Avenue	South Porcupine

BREWERS' WAREHOUSES

Warehouse No.		
1W	351 Front Street East	Toronto
2W	74 King Street East	Toronto
3W	581 Queen Street West	Toronto
4W	398 College Street	Toronto
5W	699 Bloor Street West	Toronto
6W	1267 Queen Street West	Toronto
7W	2160 Dundas Street West	Toronto
8W	1083 St. Clair Avenue West	Toronto
9W	440 Danforth Avenue	Toronto
10W	1852 Danforth Avenue	Toronto
11W	145 John Street North	Hamilton
12W	1080 Barton Street East	Hamilton
13W	84 Carling Street	London
14W	594 Dundas Street	London
15W	413 Hamilton Road	London
16W	1573 McDougall Street	Windsor
17W	881 Erie Street East	Windsor
18W	2131 Wyandotte Street West	Windsor
19W	268 Queen Street	Ottawa
20W	Broad and Wellington Streets	Ottawa
21W	208 Wellington Street	Kingston
22W	670 Bridge Street	Niagara Falls
23W	78 Niagara Street	St. Catharines
24W	11 College Street	Kitchener
25W	217 Talbot Street	St. Thomas
26W	271 Ambrose Street	Port Arthur
27W	269 Water Street	Peterborough
28W	131 Wellington Street	Brantford
29W	113 Quebec Street East	Guelph
30W	594 East Market and Water Streets	Brockville
31W	6 Dover Street	Chatham
32W	221 Sherman Avenue North	Hamilton
33W	155 Front Street	Belleville
34W	68-72 Pitt Street	Cornwall
35W	University and Spring Streets	Cobourg
36W	177 Main Street	Prescott
37W	22 Lorne Street	Sudbury
38W	143 Victoria Avenue	Sarnia
39W	107 Oak Street West	North Bay
40W	2 King Street East	Lindsay
41W	Railway Street	Cochrane
42W	605 Bay Street	Sault Ste. Marie
43W	16 Victoria Street North	Smiths Falls
44W	Front Street	Trenton
45W	15 Riverbank St.	Welland
46W	492 Peel Street	Woodstock
47W	32 Erie Street	Stratford
48W	Killally Street	Port Colborne
49W	1 Second Street	Timmins
50W	17 Norfolk Street	Simcoe
51W	269 Mill Street	Port Hope
52W	19 Main Street	Penetang
53W	182 Victoria Street	Pembroke
54W	553 King Street	Preston
55W	27 Cockburn Street	Perth
56W	Railway Street	Kenora
57W	620 Mowat Street	Fort Frances
58W	187 King Street	Gananoque
59W	5 Gilmour Road	Fort Erie
60W	16 Bayfield	Barrie
61W	966 Drouillard Road	Windsor
62W	Brunel and Main Streets	Huntsville
63W	82 Amwell Street	Haileybury
65W	Elgin and Harriett Streets	Arnprior
66W	156 Lake Shore Road	Mimico
67W	Ross Street	Picton
68W	Murray and Dalhousie Streets	Amherstburg

BREWERS' WAREHOUSES—Continued

Warehouse No.		
69W	North Cayuga Street	Dunnville
70W	Main Street	Belle River
71W	Main Street	Glencoe
72W	Champagne Street	Parry Sound
73W	Main Street	Ridgetown
74W	Queen Street South	Tilbury
75W	First Avenue	Schumacher
76W	897 Queen Street East	Toronto
77W	59 King West	Dundas
78W	499 James Street North	Hamilton
80W	269 Dalhousie Street	Ottawa
81W	161 King Street West	Oshawa
82W	24 St. Paul Street	St. Catharines
83W	9 Market Street	Thorold
84W	4 Dunn Street	Oakville
85W	Front Street	Sioux Lookout
86W	Berford Street	Wiarton
87W	35 Prospect	Kirkland Lake
88W	Durham Street	Walkerton
89W	39 Dickson Street	Galt
90W	Muskoka Road and Main Street	Gravenhurst
91W	Mill Street	Napanee
92W	162 Wyandotte Street East	Windsor
93W	Nelson Street	Wallaceburg
94W	1395 Gerrard Street East	Toronto
95W	Goderich and Green Streets	Port Elgin
96W	Marlborough Street South	East Cornwall
97W	Locke Street	Morrisburg
98W	2422 Dufferin Street	York Township
99W	1133 Yonge Street	Toronto
100W	Norman Street	Palmerston
102W	3333 Danforth Avenue	Scarboro
103W	Government Road	Kapuskasing
104W	Nation Street	Casselman
105W	325 Simpson Street	Fort William

BREWERIES

Bixel Brewing & Malting Company, Ltd.	Brantford
Blue Top Brewing Company, Limited	Kitchener
Brading Breweries, Limited	Ottawa
British American Brewing Company, Ltd	Windsor
Canada Bud Breweries, Limited	Toronto
Capital Brewing Company, Limited	Ottawa
Carling-Kuntz Breweries, Limited	Waterloo
City Club Breweries, Limited	Toronto
Copland Brewing Company, Limited	Toronto
Cosgrave's Dominion Brewery, Limited	Toronto
Formosa Springs Brewery, Limited	Formosa
Fort Frances Brewing Company, Limited	Fort Frances
Gold Belt Brewery, Limited	Timmins
Hofer Brewing Company, Limited	La Salle
Jockey Club Brewing Corporation, Ltd	Guelph
Kakabeka Falls Brewing Company, Ltd.	Fort William
John Labatt, Limited	London
Lake of the Woods Brewing Company, Limited	Kenora
O'Keefe's Brewing Company, Limited	Toronto
Perth Brewery	Stratford
Port Arthur Beverage Company, Limited	Port Arthur
Reinhardt Brewery Company, Limited	Toronto
Soo Falls Brewing Company, Limited	Sault Ste. Marie
Sudbury Brewing & Malting Company, Limited	Sudbury
Taylor & Bate Limited	Hamilton
Walkerville Brewery, Limited	Windsor

LICENSED BREWING COMPANIES LOCATED OUTSIDE THE PROVINCE OF ONTARIO, THE PRODUCTS OF WHICH ARE SOLD THROUGH ONTARIO BREWERS' WAREHOUSES

Molson's Brewery, Limited	Montreal, Que.
National Breweries, Limited (Wm. Dow & Co.—Montreal) (Dawes Black Horse Breweries—Montreal) (Frontenac Breweries, Ltd.—Montreal)	Montreal, Que.

WINERIES	SALES OFFICES
Acme Wine Co. Ltd., 889 Queen St. W., Toronto.	708 Danforth Ave., Toronto
Badalato, S., R.R. No. 9, Dundas Highway, London.	356 Richmond St., London
Barnes Wines Ltd., Grantham Twp., St. Catharines.	703 Yonge St., Toronto 16 Main St. E., North Bay
Bordeaux Wines Ltd., R.R. No. 2, Stone Road, Niagara-on-the-Lake.	771 Queen St. E., Toronto
Bright, T. G. & Co. Ltd., Dorchester Road, Niagara Falls.	513 St. Clair Ave. W., Toronto 223½ Yonge St., Toronto 78 Sparks St., Ottawa 91 King St. E., Hamilton 33 Elm St., Sudbury 564 Ouelette Ave., Windsor
Canada Wine Products Ltd., 1314 Bloor St. W., Toronto.	1314 Bloor St. W., Toronto
Canadian Wineries Ltd., Stamford and Grantham Twps., Niagara Falls.	878 Yonge St., Toronto 378 Talbot St., St. Thomas 299 St. Paul St., St. Catharines 940 St. Clair Ave. W., Toronto
Cooksville Wine Vaults Alex. Thomas, Prop., Dundas Highway, Cooksville.	Dundas Highway, Cooksville
Danforth Wines Ltd., 1076 Lakeshore Rd., New Toronto.	1426 Yonge St., Toronto Lakeshore Rd. & 19th St., New Toronto 26 Queen St. E., Toronto 1854 Danforth Ave., Toronto
Grimsby Wines Ltd., 164 Main St. W., Grimsby.	427 Spadina Ave., Toronto
Hamilton, J. S. & Co. Ltd., 44-46 Dalhousie St., Brantford.	44-46 Dalhousie St., Brantford
Hamilton Winery, (Nicholas Rizzo, Prop.) 164 York St., Hamilton.	164 York St., Hamilton
Hillrust Wine Co. Ltd., R.R. No. 4, St. Catharines.	224 Charlotte, Peterboro
Jordan Wine Co. Ltd., Jordan and St. Catharines.	169 Sparks St., Ottawa
Kitchener Winery, Bruno Huehnergard, Prop. R.R. No. 3, Kitchener	60 Queen St. S., Kitchener
London Winery Ltd., Westminster Twp., London.	1548 Bloor St. W., Toronto 409 Ridout St., London 268 Princess St., Kingston 52 Rideau St., Ottawa
Fred Marsh Winery Ltd., 749 Park St., Niagara Falls.	73 Bank St., Ottawa 31 Second St., Cornwall
National Wine Co. Ltd., 27 Brock Ave., Toronto.	27 Brock Ave., Toronto
Old Battlefield Wine Co., Bertrand Sanderson, Prop., R.R. No. 5, Hamilton.	744 Barton St. E., Hamilton
Old Fort Wine Co. Ltd., Garrison Rd., Fort Erie.	537 Bloor St. W., Toronto

WINERIES—Continued

The Parkdale Wines Ltd., 181-185 Bathurst St., Toronto.	181 Bathurst St., Toronto 1165 St. Clair Ave. W., Toronto 42 Government Rd., Kirkland Lake
Peerless Wine Mfgrs. Ltd., 448 Queen St. E., Toronto.	448 Queen St. E., Toronto
Rossoni's Winery, Carlo Rossoni, Prop., 956 Tecumseh Blvd. E., Windsor.	34 Fifth St., Chatham
Royal City Winery, John Tantardini, Prop., 32 Wilson St., Guelph.	32 Wilson St., Guelph
Sunnybank Winery, F. L. Furminger, Prop., R.R. No. 2, Grantham Township.	189 Front St., Belleville
St. Catharines Wine Co. of Canada Ltd., Woodburn Ave., St. Catharines.	25 Fourth Ave., Timmins 10 Lisgar St., Sudbury
Turner Wine Company, Mrs. H. Padden Robinson, Prop., 104-106 Front St. E., Toronto.	198 Queen St. W., Toronto 15 King William St., Hamilton
Twin City Wine Co., 514 McTavish St., Fort William.	287 Bay St., Port Arthur
Welland Winery, Louis Banko, Prop., 268 King St., Welland.	268 King St., Welland

SCHEDULE IV.

STATEMENT SHOWING THE NUMBER OF PERMITS AND LICENSES WHICH WERE ISSUED DURING THE TWELVE MONTHS PERIOD ENDING MARCH 31st, 1938

PERMITS

Resident	50,880
Duplicate	1,943
Physician	82
Druggist	1,583
Dentists and Veterinary Surgeons	44
Manufacturers	179
Mechanical and Scientific	106
Hospital	222
Special Duplicate	12
Temporary	49
Single Purchase	3,116,729

LICENSES

Brewers'	30
Brewers' Warehouses	1,470
Native Wine	31
Sacramental Wine Vendorships	6
Non-potable Alcohol Storage Warehouses	3

LIGHT BEER PERMITS

Brewers' Light Beer Permits	3
Brewers' Light Beer Warehouse Permits	3
Restaurant Light Beer Permits	36
Shop Light Beer Permits	3
Picnic Light Beer Permits	1

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st., 1938

Schedule V

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative, March 31 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Acton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Adjala Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Alexandria	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Alfred Township	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Algona North Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Alliston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Almonte	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Alvinston	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Amherstburg	2	1	..	..	1	..	..	..	1	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Ancaster Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Anderdon Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Anson Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Armstrong Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Arnprior	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Arthur	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Assiginack Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Aylmer	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Ayr	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bala	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Baldwin Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bancroft	2	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Barrie	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Barry's Bay	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..
Barton Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Bayham Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Beaverton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Belle River	5	..	..	..	1	..	..	..	1	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Belleville	7	2	3	..	..	..	..	..	..	..	..	..	7	2	3	..	..	..	..	..	..	..	..	..
Bertie Township	4	3	..	..	..	..	..	..	..	..	..	..	4	3	..	..	..	..	..	..	..	..	..	..
Bexley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Blandford Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Blenheim	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Blezard Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Blind River	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Blyth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bobcaygeon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Bonfield	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bosanquet Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Bothwell	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bradford	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Brampton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Brant Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Brantford	9	3	4	..	..	..	..	..	..	..	..	..	9	3	4	..	..	..	..	..	..	..	..	..
Brock Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Brockville	5	1	1	..	..	..	..	..	..	..	..	..	5	1	1	..	1	..	..	..	..	..	1	..
Bromley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Bruce Mines	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Brussels	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Buchanan Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Burford Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Burk's Falls	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Burleigh Township	3	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..
Burlington	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Burlington Beach Comm	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Cache Bay	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Caldwell Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Caledon Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Caledonia	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Calvert Township	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	1	..	..	..	..	..	1	..
Cambridge Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..
Capreol	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cardinal	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Carnarvon Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Carrick Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1938 Schedule V—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Casimir Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Casselman	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Cayuga	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Chapleau Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	..	..	2
Chappel Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Charlottenburg Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Chatham	9	3	2	..	..	..	..	..	..	..	..	..	9	3	2	..	..	..	..	..	..	..	..	..
Chatham Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Chatsworth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Chelmsford	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Chesley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Chesterville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Chippawa	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Clarence Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Clifford	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cobalt	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Cobden	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Cobourg	6	..	1	..	..	..	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	..	..
Colborne	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..

Cochrane	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Colchester S. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Coldwater	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Collingwood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Cornwall	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Cornwall Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Cosby and Mason Townships	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Courtwright	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Creemore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Crosby S. Township	2	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Crowland Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Crystal Beach	7	..	..	..	5	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Culross Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cumberland Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Delhi	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Deseronto	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Douro Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dover Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Downie Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Drayton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Dresden	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Drummond Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Drury Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Dryden	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Dundas	3	..	2	..	..	..	..	..	..	..	..	..	3	..	2	..	..	..	..	..	..	..	..	..
Dunn Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Dunnville	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Durham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Dutton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Dysart Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
East Hope North Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
East Hope South Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Eastview	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Edwardsburg Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Eganville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Elma Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Elmira	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Elora	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Embro	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Emo Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Englehart	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Erieau	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Erin	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Esquesing Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Essex	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1938 Schedule V—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Etobicoke Township	4	4	..	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..
Exeter	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	1	..
Fenelon Falls	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Ferris E. Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ferris W. Township	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Field Township	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Finch Township	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Flamboro E. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Flesherton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Flos Township	3	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Forest	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Fort Erie	10	2	..	..	1	1	..	..	1	..	..	..	10	1	..	..	..	..	..	..	..	..	..	..
Fort Frances	6	1	..	..	..	..	..	..	..	..	..	..	6	1	..	..	..	..	..	..	..	..	..	..
Fort William	10	6	..	..	..	..	..	..	..	..	..	..	10	6	..	..	..	..	..	..	..	..	..	..
Franklin Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Galt	4	2	2	..	..	..	..	..	..	..	..	..	4	2	2	..	..	..	..	..	..	..	..	..
Gananoque	2	..	1	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..
Georgetown	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Georgina Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..

Geraldton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Glanford Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Glencoe	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Gloucester Township	3	2	..	..	1	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..
Goderich	4	..	..	..	1	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Gore Bay	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Gower N. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Grand Valley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Grantham Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gravenhurst	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Greenock Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Grimsby	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Guelph	6	3	2	..	..	1	..	..	..	..	..	..	6	2	2	..	..	..	..	..	..	..	..	..
Hagar Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hagersville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Haileybury	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Haldimand Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Hamilton	53	19	20	..	6	..	2	..	6	..	..	..	53	19	18	..	..	..	..	..	..	..	..	..
Hamilton Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Hanover	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Harriston	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Hastings	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Hawkesbury	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Hawkesbury E. Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hay Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hearst	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Hensall	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hepworth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Hespeler	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Highgate	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Hilton Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Himsworth N. Township	3	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..
Hinchinbrooke Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Horton Township	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Humberstone	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Humberstone Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Hungerford Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Huntsville	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Ingersoll	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	..	..	2
Iroquois	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
James Township	2	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Jarvis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Kaladar Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Kapuskasing	6	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Keewatin	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	1	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1938 Schedule V—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Kemptville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Kennebec Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Kenora	6	..	1	..	..	..	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	..	..
Killaloe Station	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Kincardine	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
King Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Kingston	8	3	4	..	..	..	..	..	..	..	..	..	8	3	4	..	..	..	..	..	..	..	..	..
Kingston Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Kitchener	8	6	2	..	..	2	..	..	..	2	..	..	8	6	2	..	..	..	..	..	..	..	..	..
Kitley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Lakefield	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Lanark	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Lancaster	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
LaSalle	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Leamington	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Lindsay	4	1	2	..	..	..	..	..	..	..	..	..	4	1	2	..	..	..	..	..	..	..	..	..
Listowel	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Little Current	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Lochiel Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..

London	24	8	5	..	..	..	..	..	..	..	..	..	24	8	5	..	..	..	..	..	..	..	..	..
Long Branch	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
L'Orignal	2	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Louth Township	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Machin Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Madoc	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Maidstone Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Malden Township	3	..	..	..	1	..	..	..	1	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Manvers Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Mara Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Marmora	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Marmora Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Martland Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Massey Station	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Mattawa	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Maxville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
McKillop Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
McMurrich Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Medora and Wood Township	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Merrickville	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Merritton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Midland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Mildmay	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Millbrook	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Milton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Milverton	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Mimico	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Minden Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Mitchell	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Monck Township	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Monteagle Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Moore Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Morley Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Morris Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Morrisburg	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
MorrisonTownship	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Mountain Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Mount Forest	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Nairn Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Napanee	4	..	1	..	..	..	..	..	..	..	..	..	4	..	1	..	..	..	..	..	..	..	..	..
Neebing Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Nelson Township	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Neustadt	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Newboro	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1938 Schedule V—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licensse Issued to non-authority holders operative March 31, 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Newcastle	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
New Hamburg	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
New Liskeard	2	..	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Newmarket	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
New Toronto	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Niagara Falls	16	3	2	..	1	..	..	..	..	..	..	..	15	3	2	..	..	..	..	..	..	..	..	..
Niagara Town	3	2	5	..	1	..	5	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..
Niagara Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Nipigon Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Normanby Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
North Bay	5	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Oakville	5	1	..	..	..	..	..	..	..	..	..	..	5	1	..	..	..	..	..	..	..	..	..	..
Oil Springs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Omemee	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Orangeville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	1	..	..	1	1
Orillia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	3	..
Orillia Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Oshawa	4	1	2	..	..	..	..	..	..	..	..	..	4	1	2	..	..	..	..	..	..	..	..	..
Osnabruck Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..

Ottawa	40	10	8	..	1	1	..	..	1	..	..	..	40	9	8	..	..	..	..	..	..	..	..	..
Owen Sound	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	3	..
Paipoonge Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Paisley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Pakenham Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Palmerston	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Paris	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Parry Sound	2	1	..	1	1	..	..	1	..	..	..	..	1	1	..	..	1	..	..	..	..	..	1	..
Pelee Township	1	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Pembroke	5	..	1	..	..	..	..	..	..	..	..	..	5	..	1	..	..	..	..	..	..	..	..	..
Penetang	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Perry Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Perth	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	1	..	..	..	..	..	1	..
Peterborough	8	1	2	..	..	..	..	..	..	..	..	..	8	1	2	..	..	..	..	..	..	..	..	..
Petrolia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Picton	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..
Plantagenet N. Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	1	..
Plantagenet S. Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Playfair Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Point Edward	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Port Arthur	12	3	..	..	..	..	..	..	..	..	..	..	12	3	..	..	..	..	..	..	..	..	..	..
Port Colborne	6	..	..	..	1	..	..	..	1	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Port Credit	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Port Dalhousie	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Port Dover	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Port Elgin	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Port Hope	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Port Perry	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Port Rowan	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Portsmouth	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Port Stanley	6	..	..	..	4	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Powassan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Prescott	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Preston	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Puslinch Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Radcliffe Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Rainham Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Rainy River	3	1	..	..	1	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Ratter and Dunnett Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Renfrew	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Ridgetown	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Ripley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
Riverside	4	2	..	..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..
Rochester Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Rockland	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1938 Schedule V—(*Continued*)

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Rosseau	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Roxborough Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Russell Township	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Rutherford Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
St. Catharines	15	4	4	..	..	..	..	..	..	..	..	..	15	4	4	..	..	..	..	..	..	..	..	..
St. Marys	3	..	2	..	..	..	..	..	..	..	..	..	3	..	2	..	..	..	..	..	..	..	..	..
St. Thomas	12	1	2	..	..	..	..	..	..	..	..	..	12	1	2	..	..	..	..	..	..	..	..	..
Saltfleet Township	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Sandwich E. Township	4	1	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Sandwich W. Township	4	4	..	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..
Sarnia	6	3	2	2	..	..	..	2	..	..	..	..	6	3	2	..	..	..	..	..	..	..	..	..
Sault Ste. Marie	14	5	2	1	2	1	..	..	1	..	..	..	13	4	2	1	..	..	..	..	..	..	..	..
Scarboro Township	7	7	..	..	1	1	..	..	..	..	..	..	6	6	..	..	..	..	..	..	..	..	..	..
Seaforth	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Sheffield Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Shelbourne	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Sherwood Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Shuniah Township	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Simcoe	5	1	2	..	..	..	..	..	..	..	..	..	5	1	2	..	..	..	..	..	..	..	..	..

Sioux Lookout	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Smiths Falls	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Smooth Rock Falls	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Sombra Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Somerville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Southampton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
South River	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Southwold Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Springfield	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Springer Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Stamford Township	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Stanley Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Stayner	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Stephen Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	1	2
Stirling	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Stoney Creek	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Storrington Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..
Stratford	7	1	2	..	..	..	..	..	..	..	..	..	7	1	2	..	..	..	..	..	..	..	..	..
Strathroy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Sturgeon Falls	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Sudbury	14	2	1	..	..	..	..	..	..	..	..	..	14	2	1	..	1	..	..	..	..	..	1	..
Sullivan Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Sundridge	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Sunnidale	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Sutton W.	4	..	..	..	1	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Tara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Tavistock	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Teck Township	12	1	..	..	1	..	..	..	1	..	..	..	12	1	..	..	2	..	..	..	..	..	2	..
Tecumseh	3	3	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..
Thamesville	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Thedford	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Thessalon	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Thornbury	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Thorold	4	1	..	..	1	..	..	..	1	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..
Tilbury	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Tilbury N. Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Tillsonburg	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Timmins	20	1	..	..	2	..	..	..	1	..	..	..	19	1	..	..	..	..	..	..	..	..	..	..
Tisdale Township	11	..	..	..	1	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..	..	..	..	..
Tiverton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Toronto	116	49	29	6	3	1	1	6	3	..	..	..	116	48	28	..	5	..	..	..	..	..	5	..
Toronto Township	..	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	1	..	..	..	..	..	1
Trenton	4	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..
Trout Creek	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Tyendinaga Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES AND LIGHT BEER PERMITS ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1938 Schedule V—(*Continued*

Municipalities	Authorities Issued				Authorities Cancelled Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1938				Standard Hotel Licenses Issued to non-authority holders		Standard Hotel Licenses Cancelled or Suspended which had been previously issued to non-authority holders		Standard Hotel Licenses Re-instated which had been previously suspended		Standard Hotel Licenses Issued to non-authority holders operative March 31, 1938	
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit	Without Light Beer Permit	With Light Beer Permit
Uxbridge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Vankleek Hill	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Walkerton	3	..	1	..	..	..	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..
Wallaceburg	2	1	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..
Walsingham S. Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Warwick Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Waterdown	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Waterford	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Waterloo	3	1	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..
Waterloo Township	6	1	..	..	..	..	..	..	..	..	..	..	6	1	..	..	..	..	..	..	..	..	..	..
Watford	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Webbwood	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Welland	5	3	1	..	..	..	..	..	..	..	..	..	5	3	1	..	..	..	..	..	..	..	..	..
Wellesley Township	5	..	..	..	1	..	..	..	1	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
Wellington	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
West Lorne	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	1	..
Westport	3	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Whitby	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..
Whitby Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1

Whitney Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Wiarton	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Wicksteed Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
Widdifield	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Williamsburg Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Willoughby Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Wilmot Township	6	..	..	..	3	..	..	..	3	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..
Windsor	64	15	2	3	7	..	..	3	5	..	..	..	62	15	2	..	..	..	..	..	..	..	..	..
Wingham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Wolfe Island Township	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Woodbridge	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Woodstock	4	..	2	..	..	..	..	..	..	..	..	..	4	..	2	..	..	..	..	..	..	..	..	..
Woolwich Township	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
York Township	3	10	..	..	..	..	..	..	..	..	..	..	3	10	..	..	..	..	..	..	..	..	..	..
York East Township	2	4	..	..	..	..	..	..	..	..	..	..	2	4	..	..	..	..	..	..	..	..	..	..
York North Township	1	7	..	..	..	1	..	..	..	..	..	..	1	6	..	..	..	..	..	..	..	..	..	..
Young and Escott Township	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..
Unorganized Territory	70	1	..	..	13	..	..	..	2	..	..	..	59	1	..	..	3	..	..	..	..	..	3	..
TOTALS	1209	242	127	13	102	11	8	12	40	2	..	..	1147	238	119	1	125	48	4	3	..	..	121	45

Ontario Department of Agriculture

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING MARCH 31st, 1938

Printed by Order of
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 21, 1939

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1938

DEPARTMENT OF AGRICULTURE

PROVINCE OF ONTARIO

To The Honourable Albert Matthews, L.L.D.,
Lieutenant-Governor of Ontario.

May It Please Your Honour:

I have the honour to submit the Report of the Department of Agriculture for the year 1937-38.

I have the honour to be, Sir,

Your obedient servant,

P. M. DEWAN,

Minister of Agriculture.

Toronto, March 31, 1938.

PRINCIPAL OFFICERS OF THE DEPARTMENT OF AGRICULTURE

THE HONOURABLE P. M. DEWAN, Minister

W. R. REEK, Deputy Minister

MISS J. M. FRY, Secretary to the Minister

MISS M. S. MARTIN, Accountant

G. I. CHRISTIE, B.S.A., D.Sc.	President, Ontario Agricultural College, Guelph.
C. D. McGILVRAY, M.D.V., D.V.Sc.	Principal, Ontario Veterinary College, Guelph.
J. S. SHEARER, B.S.A.	Principal, Kemptville Agricultural School.
E. F. PALMER, B.S.A.	Director, Horticultural Experimental Station, Vineland.
J. C. STECKLEY, B.S.A.	Director, Western Ontario Experimental Farm, Ridgetown.
S. H. H. SYMONS, B. Comm., F.S.S.	Principal Clerk, Statistics and Publications Branch.
J. A. CARROLL, B.S.A.	Superintendent, Agricultural and Horticultural Societies Branch.
L. E. O'NEILL, B.S.A.	Director, Live Stock Branch.
MISS BESS McDERMAND, B.Sc.	Superintendent, Women's Institutes Branch.
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G. H. BARR	Director, Dairy Branch.
R. S. DUNCAN, B.S.A.	Director, Agricultural Representative Branch.
J. D. SMITH	Director, Crops Seeds and Weeds Branch.
L. E. O'NEILL, B.S.A.	Acting Commissioner of Marketing.
L. CAESAR, B.A., B.S.A.	Provincial Entomologist.
L. STEVENSON, B.V. Sc., M.S.	Provincial Zoologist.
L. H. HANLAN, B.S.A., M.S.A.	Fieldman, Northern Ontario.
T. A. DOUGLAS	Farm Manager, Hearst Demonstration Farm.
C. D. GARDNER	Farm Manager, New Liskeard Demonstration Farm.
J. E. HOUCK, B.Sc.	Chairman, Milk Control Board of Ontario.
J. E. HOUCK, B.Sc.	Chairman, Farm Products Control Board.

ONTARIO AGRICULTURAL COLLEGE

ATTENDANCE

Teaching continues to be the most important work of the College. The product of the classroom should and does mean most for agriculture. It is perhaps for this reason that interested people everywhere are concerned about the attendance of young men and women at the College.

For the regular courses in agriculture we had an enrollment of 593. In Home Economics there was an enrollment of 233. In addition, the College conducted a large number of special and short courses. The Summer School for teachers was held for a period of five weeks. These groups, together with the regular students, brought the total for the year to 3,316.

Not only were the facilities, laboratories and classrooms overtaxed, but the faculty has been called upon to carry an extra load. Some additions must be made to the staff if we are to keep up the quality of instruction for this ever increasing group of students.

Registration in all courses is being well maintained. The Summer Courses show the highest registration since their inception.

(Figures include all students who were in attendance during the period from April 1, 1937, to March 31, 1938.)

General Course		593	
Specialists in General Course Work		3	
Poultry Specialists (One Year Course)		5	
Animal Husbandry Specialists (One Year Course)		1	
Baking School		10	
Special Course in Horticulture (Four months)		15	
Live Stock and Field Crops		159	
Poultry Raising		31	
Horticulture		103	
Apiculture		40	
Farm Mechanics		231	
Special Course in General Agriculture (Two Weeks)		55	
Dairy Course (Three Months)		74	
Cheesemakers' Conference (April, 1937)		30	
Buttermakers' Conference (April, 1937)		69	
Ice Cream Conference (April, 1937)		41	
Cheesemakers' & Buttermakers' Conference (March, 1938)		100	
Ice Cream Conference (February, 1938)		71	
Ice Cream Course (March, 1938)		37	1668
Domestic Science (Macdonald Institute)		233	
Girls' Conference (Junior Women's Institute)		440	
Home Economics (Two Weeks)		5	678
Summer Course—			
Intermediate Course—			
1st year	89		
2nd year	81	170	
Elementary Courses—			
1st year	369		
2nd year	408	777	
Farm Mechanics		23	970
Total			3316

ANALYSIS OF COLLEGE ROLL, 1937-8.

(General Course in Agriculture)

From Ontario

Algoma	1	Kent	14	Prince Edward	6
Brant	8	Lambton	13	Rainy River	3
Bruce	6	Lanark	10	Renfrew	3
Carleton	36	Leeds	2	Russell	0
Cochrane	1	Lennox & Addington	4	Simcoe	12
Dufferin	1	Lincoln	18	Stormont	2
Dundas	4	Manitoulin	1	Sudbury	4
Durham	9	Middlesex	26	Temiskaming	2
Elgin	21	Muskoka	2	Thunder Bay	10
Essex	25	Nipissing	0	Victoria	9
Frontenac	2	Northumberland	4	Waterloo	21
Glengarry	2	Norfolk	4	Welland	17
Grenville	3	Ontario	12	Wellington	40
Grey	11	Oxford	11	Wentworth	17
Haldimand	14	Parry Sound	1	York	69
Halton	13	Peel	18		
Hastings	10	Peterborough	7	Total from Ontario	548
Huron	8	Prescott	0		
Kenora	1	Perth	10		

From Other Provinces of the Dominion

Alberta	2	New Brunswick	2	Prince Ed. Is.	5
British Columbia	8	Nova Scotia	1	Saskatchewan	3
Manitoba	1	Quebec	5		
				Total from other Provinces	27

From Other Countries

Br. West Indies	1	Ireland	1	Total from other Countries	18
England	4	Scotland	2		
Holland	1	U.S.A.	9		
Total					593

Two Year Course in Agriculture.

Beginning with September, 1937, the Two Year Associate Course was reorganized in an attempt to make this instruction more practical and helpful to the young man who plans to return to the farm and does not carry the necessary entrance requirements or does not intend to take the degree course.

Since it is not expected that these students will proceed to the degree, it was possible to substitute for some of the science work more practical courses.

With the approval of the Department of Agriculture, the fees and the cost of board and rooms for students taking this course were materially reduced.

The enrollment of 67 for the first year is gratifying and evidence that the course is making an appeal to the young men of the farm.

Two Weeks' Short Course.

With the attendance of 533, the Two Weeks' Short Course, held December 28 to January 7, was full of interest and helpful instruction. The course makes a special appeal to those interested in the practical side of agriculture. This course seems to meet a special demand and is greatly appreciated. Not only is there opportunity to give instruction in specific phases of agriculture but an attempt has been made to interest students in work which they might do in planning and holding programmes in their communities.

Poultry Short Course.

The Poultry Short Course, held December 29 to January 22, was attended by 31 men and women.

Dairy Short Course.

The Three Months' Dairy Course had an attendance of 74 which is the largest in our records. These young men were preparing themselves for their work in cheese factories, creameries, milk plants, ice cream factories and other lines of dairy work. It is gratifying to find this interest in the development and improvement of the dairy industry.

Youth in Training Project.

A course for training young men as gardeners was held from November 22, 1937, to March 31, 1938. Under the Dominion Provincial Youth Training scheme, fifteen young men were selected from among the unemployed with the approval of the Parks Commission in their city. In addition to their railroad fare to Guelph and return, these boys received $10.00 per week to cover board and room and incidental expenses.

Through the Ontario Department of Agriculture arrangements were made to give a course for boys who had been placed with farmers under the Youth in Training Project. This course was held from February 14 to February 19, 1938.

In placing boys with farmers for training, it was understood that these young men should receive instruction in a short course for a period of not less than two weeks. A group of 55 boys from Western Ontario Counties were sent to Guelph for the period. Railroad fare and the cost of board and room were met from Government funds.

RESEARCH AND SERVICE

In addition to the work of instruction in the regular and short course, research and service activities are carried on throughout the year in the various departments of the College. It is the constant endeavour of the College to be of help to the farmers in the solution of their problems. Some projects of interest are here summarized.

Registered Erban Oats.

In the parts of Eastern Ontario where Crown Rust is a serious disease the Erban oat has proved itself highly desirable, producing yields of four or five times the number of bushels obtained from the standard Victory oat used there, which is quite susceptible to this disease. The Erban oat was accepted for registration by the Annual Meeting of the Canadian Seed Growers' Association held in Saskatoon in June, 1937. A fair quantity of Elite seed was grown on the experimental plots for distribution in 1938.

Attempts were also made in 1937 to combine the Crown Rust and smut resistance of the Erban oat with the Stem Rust resistance of the new Vanguard oat produced by the Central Experimental Farm. It is expected that the progeny of the crosses made between these two varieties will yield breeding material of outstanding value.

Increase of Improved Strains.

At present large stocks of seed of different grasses and clovers, often poorly adapted to Ontario conditions, are being imported. Improved strains of all the important grasses and clovers grown in Ontario have been developed, however, and these are at present being increased for distribution These new strains are more winter hardy, perennial, rust resistant, leafy and productive of a higher quality of feed than the types now commonly used in Ontario.

Soil Surveys.

.. Surveys were made in two areas where special soil problems were under study. In the Oxford Brant area the extent and distribution of the soils best adapted to the production of tobacco were determined, and soil types and fertility were studied with reference to the so-called mineral deficiency troubles in dairy herds. In the Durham, Northumberland, and Prince Edward Counties physiological disorders in apples were the occasion for a detailed soil survey. It appears that most of the soil types on which orchards are growing are medium to low in available nutrients. This survey will be continued in 1938.

Rapid Soil Diagnosis.

In conjunction with Neubauer seedling analyses and greenhouse pot culture experiments, efforts are being made to devise rapid chemical tests for diagnosing soil deficiencies and fertilizer requirements. So far, improvements have been made in methods of testing for phosphorus.

Welland Soil Fertility Plots.

Experiments relating to soil fertility, covering three complete five year rotation periods, have revealed definite trends of much significance in long term soil management. Summer-fallow did not sustain soil fertility, there was a definite decrease in yield during each rotation period. Land not summer-fallowed, on the other hand, while showing lower maximum yields, maintained its fertility better than summer-fallowed plots.

Gas Storage of Pears.

Gas storage of pears was given a semi-commercial test for the first time this year. After removal from the gas-store in January, the fruit had a cold storage life of about two weeks; full ripeness was attained in eight days at 65 deg. F. The quality of the fruit was good in every respect.

Cloth Covered Propagation House.

The cloth covered plant propagation house, built in 1936, was doubled in size in the spring of 1937. It has been used for testing flowers and vegetables. One interesting finding was that old roses from greenhouse branches can be removed to a cloth house, cut back, and be made to produce an abundance of summer bloom.

Creelman Lilies in New Zealand.

Bulbs of the Creelman Lily, originated at the O.A.C. were sent to Government House, Auckland, New Zealand, in 1936. A report has been received from Major Purvis, on behalf of the Governor General, stating that these bulbs produced flowers superior to those of parental types blooming at the same time. It is interesting to note that these Canadian Lilies bloom in May and December in New Zealand, whereas they bloom only in July in Canada.

Capons and Cockerels.

In response to a widespread demand for information regarding the economic value of caponizing, a comparative study of capons and cockerels of three breeds was undertaken. Data on growth and feed consumption were secured, and these indicate that, contrary to popular opinion, capons at no period up to thirty-two weeks make appreciably greater growth than cockerels, but they do make slightly more economical growth. They also made economical gains during the three weeks' fattening period prior to slaughter. It appears from this test that caponizing of the heavier breed males, to be marketed at small or large roaster age weighing from four and one-half to eight pounds, may be made a profitable undertaking.

Poultry Nutrition.

A study was made of the vitamin A potency of a number of poultry feeds. Dehydrated cereal grass was found to be the most potent source; less than one-half per cent. of this feed in the ration would meet the chick's minimum requirement. Other supplements would have to be added in amounts ranging from 2 to 25 per cent. of the ration. The study also showed that a percentage greater than the minimum requirement gives somewhat better results as far as growth and variability are concerned.

Tomato Breeding.

Selections from a John Baer and Italian Pear Shaped tomato cross show promise of yielding a tomato suitable for export to the United Kingdom. If such a variety can be selected until its characters become fixed, it will be a definite asset to the canning industry. One of these selections should be of particular value for the manufacture of paste, puree and juice.

Root Rot and Blight of Canning Peas.

Once the soil has become contaminated, this is a very difficult disease to control. Many seed disinfectants have been recommended for its prevention, but in a comprehensive test conducted during the year none was found to be effective when susceptible varieties of peas were sown in contaminated soil.

Drainage Activities.

There was a very marked increase in drainage activities during 1937. The regular field men were kept busy throughout the season and several tile plants and ditching machines which had been idle for several years, were again put into operation. Some four hundred farmers were given assistance with their drainage problems.

In Southern Ontario heavy rains caused serious losses in some peach orchards. Standing surface water, combined with hot, sultry weather, "cooked" peach and cherry trees and made fruit farmers very drainage conscious. The wet condition of the soil, however, often made installations difficult. It appears that the new highway passing through this district will create a great many outlet underdrainage problems.

Potato Starch Content Tester.

A specific gravity apparatus has been designed this year which will save time and labor in the testing of potatoes for starch content for market grading purposes. A five-minute test satisfactorily takes the place of the twelve-hour drying test formerly needed.

Onion Maggot Control.

For several years efforts have been made to discover a simpler and more practical method of controlling the onion maggot than that of lubricating oil emulsion. In 1937 the infestation was fairly heavy and several experiments were conducted at different points in the Province. It was found that calomel satisfied all the requirements of an effective and economical control material.

Spray Injury Investigation.

The spraying of orchards in 1937 was attended by much more than the usual amount of burning of foliage and russeting of fruit. An investigation of several orchards where the injury had been most serious, revealed that every case of severe russeting of apples could be attributed to incorrect use of Bordeaux. In no case did any appreciable russeting occur if the Bordeaux was used only where recommended in the calendar.

Seasonal Apiary Management.

To maintain a high honey production it is necessary to replace old queens frequently and to replace winter losses through increase. This is often done by purchasing queens and packages from the Southern United States. Experiments are now being conducted with a view to developing a system of apiary management whereby the beekeeper can raise more suitable queens and nuclei from his own colonies at little expense.

Milk-fat Production and Cheese Yield.

There is evidence that the cheese-yielding capacity of Ontario milk is declining. This condition is partly the result of a nutritional deficiency. For this season a study is being made of the effect of feed mineral supplements on the butterfat tests of dairy cattle.

This project is carried out in co-operation with the Homestead Cooperative Dairy, Thamesford, Ontario, and it has proved invaluable in determining the reasons for the poor cheese yields in that area.

SCHOLARSHIPS AND GIFTS

During a visit to Muncie, Indiana, on November 10, 1937, the President of the College was presented with several medals won by the late Senator David Christie of Paris, Ontario. The presentation was made by

Mr. A. T. Christie of Muncie, Indiana. Among these medals, which are of peculiar interest and value, is one bearing the date 1867 which was presented to David Christie by Queen Victoria for his statesmanship activities in connection with the union of the Provinces of Canada under the British-North America Act. A second, dated 1851, was an award of merit to David Christie on a prize-winning bushel of wheat exhibited by him at the great London Exposition.

A third medal bears the date of 1860 and was issued to David Christie, as a distinguished citizen of Canada, on the occasion of the opening of the bridge at Montreal by the Prince of Wales, afterwards King Edward VII.

Gift of Books from the German Government.

From the German Government the College is in receipt of a number of valuable books. Particularly valuable and useful amongst these is a German cyclopedia in three sturdy volumes. The German Academy has also contributed to the gift, sending a copy of an excellent dictionary and the professional journal "German Instruction in Foreign lands" which appears monthly in Germany.

Specimen of Lake Superior Amethyst.

Miss Bessie L. Thomson, of Paris, Ontario, gave to the College a large piece of Lake Superior Amethyst which is several pounds in weight. This has been added to the collection in the museum.

Gift from the 1938 *Short Course Group.*

The students attending the Winter Short Course donated $32.50 to be added to the fund which is used to secure suitable equipment for the Hospital in the Administration Building.

Gifts from Macdonald Institute Classes.

In December, 1937, the Macdonald Institute Literary Society presented a Standard Dictionary for the Residence. At the same time, the Senior Class made a gift of four books for the Residence. In January, 1938, the Students' Council presented two fireplace screens, with crests, to Macdonald Hall.

Prize of Twenty-five Dollars

Mr. W. S. Montgomery, of Toronto, has presented a prize of Twenty-five dollars to be awarded to the student in the Fourth Year who stands highest in the Chemistry Option.

IMPORTANT EVENTS OF THE YEAR

Superannuation of Professor Frank C. Hart.

After thirty years of continuous service with the Department of Agriculture, Professor F. C. Hart, Head of the Department of Agricultural Economics, was superannuated February 1, 1938, on account of illness. Professor Hart has rendered to Ontario Agriculture a distinct service. His leadership in many branches has been greatly appreciated.

Following graduation from the O.A.V. in 1906, Professor Hart took up work with the Agricultural Representative Branch. Later, he was Director of the Co-operative and Markets Branch, Ontario Department of Agriculture, and, in November, 1928, came to the O.A.C. as Professor of Agricultural Economics.

Appointment of Professor W. M. Drummond.

Professor Drummond, who succeeds Professor Hart as Head of the Department of Agricultural Economics, came to the College on September 1, 1937. A graduate of Queen's University in 1923, Professor Drummond obtained his M.A. Degree and was appointed Lecturer in Economics at the University of Alberta. Upon completion of special study at Eccles Libres des Sciences Politiques & College de France and the Harvard School of Graduate Studies, he was connected with the University of Toronto first as Lecturer and later as Assistant Professor of Economics. Professor Drummond owns and operates a farm and keeps in close touch with the practical side of agriculture and the needs of country life. His publications ,articles in the press, and addresses before rural and urban groups have given evidence of his deep interest in and knowledge of economic and social problems.

British National Union Party.

The British National Union Party of British and Dominion farmers visited the College on September 14, 1937, under the leadership of Sir Richard Winfrey, well known leader and agricultural authority, and Lady Winfrey. The purpose of these visits is to establish contact with the Dominion and to facilitate an exchange of ideas on questions generally affecting the British Commonwealth of Nations.

The North German Lloyd Party.

The North German Lloyd party of German farmers arrived at the College Sunday evening, October 17, and remained until after luncheon on Monday. During their visit much time was devoted to the live stock, field crops, and the frozen fruit division. In the afternoon, the party visited a number of farms in Waterloo County with the Agricultural Representative of that district.

Tri-State Educational Tour.

A group of more than one hundred farmers from Maryland, Virginia and Pennsylvania visited the College on August 31, 1937. These people were members of the Tri-State Educational Tour under the leadership of R. G. East of the Pennsylvania Railroad. The party had supper at the College, inspected the various departments and remained over night. Following breakfast on the morning of September 1, the group proceeded to Toronto to visit the Canadian National Exhibition.

ONTARIO VETERINARY COLLEGE

CONVOCATION AND COMMENCEMENT EXERCISES

At the Convocation of the University of Toronto held on May 14th, 1937, the degree of Bachelor of Veterinary Science (B.V.Sc.) was conferred on thirty-four graduates by the Chancellor, The Rt. Hon. Sir William Mulock, P.C., K.C.M.G., M.A., L.L.D.

The Annual Commencement Exercises were held on November 13th, 1937, in the Assembly Hall of the College.

The prizes won by students were presented by the Hon. P. M. Dewan, Minister of Agriculture. Prof. W. J. McAndrew of University College also addressed the assembly.

Student Enrolment.

The number of students in attendance has again shown a considerable increase. A total of 243 students were enrolled this session, being an increase of 25 over the previous year. The attendance has now reached the highest level since 1915. The present building was intended to accommodate approximately 135 students. As a result of increased attendance the different classrooms and laboratories are greatly overcrowded. Laboratory classes have been divided up necessitating a duplication of class work. We were obliged this year to confine our enrolment of new students to those residing here and to refuse admittance to all outside applicants. Unless additional facilities are provided we may require to further restrict the attendance within the limit of the capacity of the building. In any event the time would appear opportune to further advance the entrance requirements and to lengthen the course from four to five years for graduation. By so doing the attendance could be regulated somewhat and at the same time improve the standard of qualification both for entrance and graduation as in the case of the other learned professions acquiring a university degree.

This recommendation is deserving of the earliest possible consideration and increased accommodation and added facilities should be provided to meet the needs.

The Teaching and Executive Staff.

The members of the staff of the different departments are as follows:

C. D. McGILVRAY, M.D.V., D.V.Sc., Principal: Contagious Diseases, Sanitary Science.

W. J. R. FOWLER, V.S., B.V.Sc.: Anatomy and Surgery.

H. E. BATT, V.S., B.V.Sc.: Zoology, Histology, Meat Inspection.

R. A. McINTOSH, M.D.V., B.V.Sc.: Diseases of Cattle, Obstetrics, Therapeutics.

F. W. SCHOFIELD, B.V.Sc., D.V.Sc.: Pathology, Bacteriology.

L. STEVENSON, B.V.Sc., M.S.: Physiology.

A. A. KINGSCOTE, B.V.Sc., D.V.Sc., Parasitology, Pathology.

J. S. GLOVER, B.V.Sc.: Poultry Diseases, Milk Hygiene.

V. R. BROWN, B.V.Sc.: Anatomy, Hygiene.

H. R. POTTER, B.V.Sc.: Sporadic Diseases, Hygiene.

T. L. JONES, B.V.S., M.Sc.: Bacteriology.

E. R. BOWNESS, B.V.Sc.: Diseases of Fur Animals.

F. J. COTE, B.V.Sc.: Canine and Feline Diseases.

R. STEWART CLARK: Jurisprudence.

A. L. SHEPHERD: Executive Clerk.

MISS E. SLEEMAN: Secretary, Librarian.

MISS M. SCOTT: Stenographer.

Courses of Study and Instruction.

Owing to the increased attendance a readjustment of the laboratory classes was necessary. All of the laboratory classes had to be divided into two sections. This entailed a duplication of class work increasing to a considerable extent the teaching load of the staff. In spite of this the general course of instruction has been maintained along desirable lines.

A consistent effort has been made to provide a good standard of instruction throughout and to further correlate class and laboratory work in keeping with the best educational practices.

The general aim has been to diversify and improve the course so as to adequately equip the graduate to render more effectively the services which live stock owners, allied interests and the general public seek to acquire. The trend and demand for veterinary service has greatly changed within the last decade in the prevention of diseases, especially those which are liable to be disseminated through the ordinary channels of live stock traffic. As a result greater efforts are being made to ensure the highest possible standards of animal health by the prevention and control of diseases which are infectious and communicable and likely to become more prevalent and widespread unless checked. Greater attention is also being given to create a greater interest in disease of animals communicable to human beings, either directly or indirectly, by animal food products, but more especially through milk borne infection and unwholesome meat food products. To meet the various exigencies of private and public service a high standard of professional qualification is necessary, hence the training of the under-graduate becomes increasingly in need of careful guidance. Adjustments are therefore necessary to meet changing conditions as they arise, and are being made from time to time in the course by developing the basic sciences and by broadening the subjects of instruction in relation to public service and private practice in their various branches. Owing to the prevailing trend towards research and investigational work every encouragement is given the undergraduate to develop a greater talent and inclination in this direction. A detailed outline of the regular course of study and instruction is contained in the college calendar which is distributed to those interested. In addition to the regular undergraduate course, special classes and laboratory work in the nature of short courses are provided for graduate practitioners. By this means the practicing graduate is given the opportunity to keep abreast of the times and be of greater usefulness to those depending on his services.

Special Courses.

During the month of June a conference was held in the interests of the fur farming industry under the joint auspices of the College and the Ontario Silver Fox Breeders' Association.

The course comprised special lectures and demonstrations on the following subjects:

The control of infectious and contagious diseases.
Profit producing pelts.
Breeding and management of mink.
Principles of infection and immunity.
Mineral and Vitamin deficiency.
How to improve the quality of pelts.
Breeding and management of foxes.
Fisher and nutria farming.
Nutritional requirements.

During the month of July a short course for practicing veterinarians was held at London, Ontario. in co-operation with the Ontario Veterinary Association. The programme comprised the following topics:—

How to detect common parasite eggs.
Routine examination of seminal fluid.
Demonstration of stomach tube technique in the horse.
Application of anaesthetics in the horse.
Examination of the udder for mastitis.
Demonstration of the anatomical structure of the udder.
Bacteriological diagnosis of mastitis.
Measures of sanitation and control in mastitis.
Drawing of blood for serological examination.
Diagnosis and treatment of fractures.
Intravenous medication.
Operative technique and anaesthesia.

Research and Investigation.

While the College is essentially an educational institution concerned primarily with the instruction and training of students, nevertheless considerable research and investigational work is being done by the various members of the staff. The scope and extent of the work undertaken has naturally to be kept within the means at our disposal and cannot be extended beyond the available facilities. The increased student enrolment and additional amount of routine has also lessened the time that could be devoted to essential research work. However, much of the routine work is related to the laboratory examination of specimens and to the clinical diagnosis of disease and is of much value in promoting further researches which may be undertaken as opportunity permits. As in former years we have endeavoured to avoid duplication of work or the repetition of experiments except where necessary to establish pertinent facts of value. We are again indebted to many practicing veterinarians and owners of animals for their hearty co-operation and assistance from time to time. Some of the diseases receiving attention are briefly summarized herewith and detailed reports are submitted as appendices.

Actinomycosis in the Horse: This is undoubtedly an unusual disease in the horse. While very common among cattle the infection in the horse has not previously been observed at the College clinic.

Botryomycosis in the Horse: This disease in many ways resembles Actinomycosis. It is a fairly common infection in the horse and usually difficult to treat successfully. In this case it is interesting to note that satisfactory results followed the use of an autogenous bacterin.

Influenza Among Horses: Some interesting data was collected and recorded from two extensive outbreaks of influenza occurring in many horses. The outbreaks were attributed to stallions which were apparently carriers of the virus and disseminating the infection to mares at service.

Heaves or Pulmonary Emphysema in Horses: This disease which is commonly known as "broken wind" has been investigated to determine whether like Asthma of man it may be due to the influence of some foreign protein or pollen. The results obtained did not indicate that there was a similar etiology.

Tuberculosis and Iaennec's Disease in Dogs: These two diseases are unusual in dogs and are reported as interesting cases. Tuberculosis in the dog does not occur as frequently on this continent as in Europe.

Johne's Disease in Cattle: Several cases of this disease were again observed this year. A report is submitted describing the disease in detail as to its nature, occurrence and methods of diagnosis.

The Examination of Seminal Fluid: This article while of a highly technical nature is submitted as an appendix. It reviews the different methods employed in the collection and examination of seminal fluid.

Poultry Diseases: During the year a number of interesting cases were observed such as poisoning in pea fowl, ruptured livers in chicken, capillaria infestations, nutritional diseases and infectious tracheitis in chicks. A report of the latter is submitted as an appendix.

Tuberculin Test in Mink: The occurrence of tuberculosis on a mink ranch was investigated. The infection was found to be of the bovine strain. The animals were inoculated with tuberculin and positive reactions obtained to the test were verified on post mortem examination.

Foot and Tail Rot in Mink: Many losses were reported as occurring on mink ranches. Several animals affected with this condition were obtained. It was considered that this condition was of dietary origin. In these particular cases recovery was rapid when the nutritional balance was obtained.

Big Head in Foxes: Animals affected with this condition were examined and it was concluded that the disease was not primarily of an infectious nature but was due to faulty methods of housing, lack of sunshine and vitamin D deficiency.

Hysteria in Foxes: This condition has become very common in fox ranches where the custom has been to remove foxes from sheds and small enclosures to a large enclosure or run for the last few months before pelting. From a few hours to ten days after placing these animals in the runs a variable percentage develop convulsions and are killed by their mates. In the past a number of explanations have been offered, the most common one being that these animals eat poisonous plants that abound in these runs. Post mortem findings, and filtrates made from stomach contents of these animals and injected into laboratory animals, failed to substantiate this theory.

It seems that over-exertion and nervousness are the main causes. These animals are raised in small pens in sheds, their exercise is curtailed by the smallness of the pens, they are not allowed on the ground nor out in the open. When moved to a large run of several acres in extent, in company with other animals, they become panicky and run themselves into a state of physical and nervous exhaustion. Convulsions result and the others attack and kill them.

If animals must be placed in large runs then it is wise to move them to the breeding pens for a week before giving them this greater freedom. Sedatives, such as phenobarbital in doses prescribed for dogs and administered by the use of stomach tube, or subcutaneous injection, are the recommended methods of treatment for affected cases.

Differentiation of Streptococci from Various Sources: Streptococci have been isolated from different conditions occurring in a variety of animal species. These include Joint-Ill in the foal, Strangles in the horse, Bovine Mastitis, Pneumonia in the fox and Septicaemia and Empyaemia in dogs. As time has permitted. a number of tests have been made on these cultures to determine what differential features may exist among organisms isolated from different sources. Thess records may provide interesting data when an adequate number of cultures have been tested for conclusions to be drawn from them.

Anaemia in Young Pigs: It is a serious matter that there is no apparent decrease in the number of fatalities among winter litters from this disease. The prevention of anaemia is such a simple procedure that there is no excuse for this loss to continue. Our most recent experiments have been directed towards establishing a method of prevention which requires the minimum of work for the swine husbandman. It was found that week old pigs given 0.3 grams of iron maintained the level of haemoglobin above the danger zone. Thus, one dose of iron was sufficient to prevent anaemia. from occurring.

Germ Infections in Swine: From these cases brought to this laboratory for diagnosis we find that fatalities in weaned pigs occur most frequently within two weeks after weaning. Pneumonia is the commonest lesion; gastritis and enteritis are often present. From the majority of carcasses which are received in a fresh state, *Pasteurella suiseptica* is isolated. A few cases of acute gastro-enteritis have been observed without any respiratory lesions. When cultured aerobically, no significant organisms were obtained. An anaerobic organism has been isolated but attempts have not been made to reproduce the condition with such a culture.

EXTENSION SERVICE

This service has been promoted to furnish specialized clinical and laboratory assitance in the diagnosis, prevention and operative treatment of diseases in all classes of animals. It has been developed along such lines of usefulness as seemed to be most effective and desirable to those requiring specialized services and to furnish clinical and laboratory material for teaching and demonstration purposes in class work. It thus serves a twofold purpose and has also been made more or less self sustaining by making a nominal charge to cover any expense incurred where the service rendered if of an individual commercial nature. The nature and extent of the service rendered is briefly summarized as follows:

Animal Clinics: These clinics are held regularly each afternoon throughout the College session. All animals admitted are carefully examined after which medical treatment is prescribed and surgical operations performed as may appear desirable. The value and importance of the service rendered is manifested by the large number of animals presented regularly for clinical observation and operative treatment. The cases presented were quite varied in character and all species of animals are included, comprising over 200 horses, 150 cattle, 100 swine, 75 sheep, and 100 dogs and cats. Details of the service rendered are contained in a separate report of the clinical department which is submitted as an appendix. In this report attention is drawn to the need of additional help and for an addition to the building to provide space for post mortem purposes.

Examination of Parasites: Numerous specimens received have been examined and identified. Such material has included various species of flukes, tapeworms, roundworms, insects and protozoans from a variety of animals. Recommendations regarding the biological control and treatment of the infested animals has been made. Parasitic diseases diagnosed during the year include mange, and strongylidosis in horses; mange, and coccidiosis in cattle; trichostrongylosis and nodular disease in sheep; mange, ascariasis, lungworm infestation and sarcosporidiosis in swine; and in the small animals most of the forms of parasitism to which they are commonly susceptible. Nearly two thousand specimens collected by students were examined. Data is still being collected on the geographical distribution of the flesh fly, *"Wohlfahrtia vigil"*. This parasite has caused havoc in several new areas in southern parts of the province and has been recorded from new centres of the West, but not beyond the Rocky Mountains. All case reports during the past year have concerned mink and young carnivorous animals. Mink ranchers have installed several hundred of the fly proof nest boxes described in our annual report of 1935, and have thus avoided a repetition of the heavy losses encountered in 1934. Articles describing the construction of these fly proof dens have appeared also in German and other foreign journals.

Specimens of a parasite hitherto unrecorded in these latitudes of North America were received on two occasions for identification. They were identified as oviduct flukes (Prosthogonimus pellucidus). In Europe and other parts of America they are considered to be the most pathogenic flukes of poultry resulting in acute inflammation of the oviduct, the formation of soft shelled or broken eggs and peritonitis which may prove fatal. The flukes are large, nearly half an inch in length and a quarter of an inch in width, and reddish-yellow in colour.

Fecal Examinations: Samples of faecal material from various domestic animals have been subjected to routine examination. The majority of these tests were made to confirm or eliminate the presence of internal parasites by the discovery or absence of their eggs and larvae.

Examination of Blood: Blood samples received have been examined for the number and type of cells, for evidence of anaemia, reduced haemoglobin and animal parasites.

Examination of Skin Scrapings: Skin scrapings have been examined for evidence of the causative organisms of mange and ringworm. In the former case outbreaks of mange, coming under the Animal Contagious Diseases Act, have been reported to the Health of Animals Branch. In other cases control and treatment has been recommended directly to those concerned.

Examination of Seminal Fluid: Samples of seminal fluid from horses, cattle and dogs have been examined by routine methods, for evidence of sterility or genital infections. The owners of such animals have been given advice as each individual case merited.

Examination of Meat: Carcasses of various food animals have been inspected, and opinions given regarding their fitness for human consumption. Carcasses have been condemned when tubercular lesions, cancerous growths, pyaemia and sarcosporidia were present.

Examination of Butter: Several samples of butter were examined during the year. These samples contained numerous fly maggots, which had made a considerable quantity of butter unsuitable for marketing. The maggots were identified and methods of preventing an occurrence of the troubles were recommended.

BIOLOGICAL LABORATORY SERVICE

Preparation of Biological Products: One hundred and eighteen thousand, seven hundred test doses of "*S. pullorum*" antigen, and positive and negative control sera were prepared and supplied to registered veterinarians for the agglutination test for "*S. pullorum*" infection. Eleven thousand, six hundred and thirty test doses of "*Br. abortus*" antigen were distributed to qualified veterinarians for the agglutination test for Infectious abortion of cattle (Bang's disease).

Serological Tests: These are commonly known as blood tests and are widely used for the diagnosis of Infectious abortion in cattle (Bang's disease). During the year 21185 blood samples were submitted to the agglutination test for Bang's disease. Included in this number were 2863 blood samples from cattle intended for export or for exhibition purposes. The results of these tests are as indicated in the following table:

BLOOD SERUM TESTS FOR BANG'S DISEASE

Animal	Disease	Number of Samples Tested	Number Positive	Number Doubtful	Number Negative	Unfit for Testing
Cattle	Bang's Disease	21,185	2655	801	17,557	172

POULTRY LABORATORY SERVICE

Routine Examination of Specimens: This laboratory service is increasing enormously and has been largely responsible for the increased amount of routine work. During the year specimens were received for laboratory examination as indicated in the following tables:—

Poultry Diseases	No. of Cases
Adult pullorum infection	113
Ascites	16
Avian Diphtheria	10
Coccidiosis	207
Colds and Roup	15
Enterohepatitis (turkeys)	19
Enterohepatitis (chicken)	14
Fowl Cholera	60
Laryngo-tracheitis	23
Leucosis	54
Pullorum Disease of Chicks	493
Tuberculosis	36
Cloacitis	1
Other Infections	34
Volvulus and Impaction	3
Egg Bound	3
Internal Laying	8
Enteritis	28
Ruptured Oviduct	3
Impaction of Gizzard	1
Injuries	9
Nutritional Disorders	357

Prolapse	12
Poisoning	3
Ruptured Liver	16
Tumours	37
Worms (ascardia)	105
(capillaria)	28
(large tape)	58
(minute tape)	43
(round and tape)	54
No evidence of Disease or Putrid	74
Total	1937

GENERAL LABORATORY SERVICE

Examination of Pathological Tissues: Tissues collected at autopsies or during the course of operations have been sectioned and prepared for microscopic examination. This work, necessary to complete post mortem records, consumes a great part of time devoted to laboratory diagnosis. Such material is not only collected at numerous autopsies performed at the College, but also is received from various points throughout the province. Tuberculosis, lump jaw and cancerous growths form a large part of the disease lesions examined by this method.

During the year specimens were received for laboratory examinations indicated in the following tables:

PATHOLOGICAL EXAMINATIONS

Nature of Case	Butter, etc. Water tests	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Fox	Goats	Mink	Other Animals from Zoo	Total
Tuberculosis	—	5	—	—	—	1	—	—	—	—	—	7	—	13
Neoplasms	—	7	—	15	1	37	3	—	1	—	—	—	1	65
Parasites	—	11	10	9	1	27	1	3	12	71	3	48	18	214
Enteritis	—	4	3	—	6	1	1	—	—	—	—	—	—	15
Gastritis	—	1	—	—	4	4	—	—	—	5	—	—	2	16
Pneumonia	—	7	2	1	10	1	—	—	1	8	—	14	—	44
Nephritis	—	2	—	—	—	3	1	—	—	—	—	2	—	8
Hemorrhagic Septicemia	—	4	8	—	8	—	—	—	—	—	—	—	—	20
FoodPoisoning	—	3	—	7	—	—	—	—	—	4	—	25	—	39
Nutritional Diseases	—	—	—	—	—	—	—	—	—	10	—	22	3	35
Anemia	—	—	—	4	—	—	—	—	—	—	—	—	—	4
Pericarditis	—	1	—	—	1	—	—	—	—	—	—	—	—	2
Mastitis	—	4	—	—	1	—	—	—	—	—	—	—	—	5
Hepatitis	—	2	1	—	4	4	1	—	—	2	—	2	—	16
Actinomycosis	—	7	—	—	—	—	—	—	—	—	—	—	—	7
Red Water	—	2	—	—	—	—	—	—	—	—	—	—	—	2
Swamp Fever	—	—	—	5	—	—	—	—	—	—	—	—	—	5
Abscess		5	—	1	—	2	—	—	—	—	—	—	—	8
Examination of pus	—	2	—	1	—	1	—	—	—	—	—	—	—	4
Blood Tests	—	1	—	6	—	—	—	—	—	—	—	—	—	7
Urine Tests		—	—	3	—	—	—	—	—	—	—	—	—	3
Semen Tests	—	2	—	2	—	2	—	—	—	—	—	—	—	6

Nature of Case	Butter, etc. Water tests	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Fox	Goats	Mink	Other Animals from Zoo	Total
Tissue from Operations	—	4	—	6	—	—	—	—	—	—	—	—	—	10
Joint Ill	—	3	—	9	—	—	—	—	—	—	—	—	—	12
Meat Inspection	—	5	—	—	7	—	—	—	—	12	—	9	—	33
Butter, Milk, Cream Tests	136	—	—	—	—	—	—	—	—	—	—	—	—	136
Well Water Tests	12	—	—	—	—	—	—	—	—	—	—	—	—	12
Miscellaneous	—	14	5	4	7	—	—	1	—	2	4	4	4	45
Total	148	96	29	73	50	83	7	4	14	114	7	133	28	786

Publications: During the year the following bulletins have been published relating to diseases deserving of special consideration at the present time:—

Swine Diseases and Their Prevention.

Navel-Ill in Foals.

Mastitis or Garget in Cows.

Bang's Disease (Infectious Abortion).

Disease of Poultry.

KEMPTVILLE AGRICULTURAL SCHOOL

Enrolment.

The enrolment in the various courses offered at the Kemptville Agricultural School for April 1st, 1937, to March 31st, 1938, was as follows,—

AGRICULTURE

Senior Year (two-year Course)	39	
Junior Year (two-year Course)	34	
Short Course—Livestock	43	
Short Course—Field Crops	43	
Public and Separate School Teachers' Summer Course	387	
		546
Short Course Agriculture Farm Trainees)		31

HOME ECONOMICS:

Homemakers '(One Year)	20	
Home Economics (Two Year)	9	
		29

EASTERN DAIRY SCHOOL:

Cheese and Buttermakers' Winter Course	20	20
Grand Total		626

The following table gives the enrolment since the year 1927-28,—

	1928 1929	1929 1930	1930 1931	1931 1932	1932 1933	1933 1934	1934 1935	1935 1936	1936 1937	1937 1938
Senior Year Agriculture	19	11	29	37	27	25	17	24	34	39
Junior Year Agriculture	15	40	42	51	46	29	33	46	46	34
Two Year Home Economics	—	—	—	—	—	—	—	—	8	-9
Home Makers' Home Economics	13	9	6	—	—	—	35	22	20	20
Elementary Agriculture Summer Course	46	54	52	80	77	56	47	156	330	387
Short Course Agriculture	25	25	20	25	25	55	55	12	—	F.T. 31
Domestic Sc. Junior Year	—	—	—	8	8	Discontinued				
Domestic Sc. Senior Year	—	—	—	6	7	Discontinued				
Docestic Sc. Short Course	—	—	12	11	Discontinued					
Short Course Livestock—(first week of March 1938)									Poultry 30	L.S. 43
Short Course Field Crops—(second week of March 1938)									Farm. Mech. 35	F.C. 43
Cheese & Butter-Makers' Winter Course									31	20
Totals:	118	139	161	218	190	165	187	260	534	626

The Kemptville Agricultural School is becoming the focal point of Eastern Ontario in Agricultural activity. Not only is the enrolment the greatest in the history of the institution, but more farm organizations and their members used the facilities of the school than ever before.

Foreword:

The Demonstrational farm also fulfilled its objective by producing Registered No. 1 Seed Grain, high quality Yorkshire Gilts and Boars, Shropshire ewe and ram lambs, Ayrshire and Holstein bulls from R.O.P. dams, hatching eggs from the trap-nested Barred Rocks, and these were sold at reasonable prices to farmers of Eastern Ontario. In addition, the farm was available to the students in Agriculture for instruction and demonstration in,—

(a) Stabling and Equipment
(b) Feeding Practices
(c) Livestock and Crop Management
(d) Care of Milk and Cream
(e) Care of Farm Machinery
(f) Sanitation and Prevention of Diseases

Another important phase of the work is the Extension Service. Members of the staff are available on call from any farmer or rural organization. Assistance has been given as follows,—

(a) Radio Program over C.F.L.C. Prescott, each Friday, from May 1st. to October 31st, 1937, at 12.45 to 1 p.m.
(b) Speakers, demonstrators and Judges at Farm Meetings, Field Days, Fairs, etc.
(c) News letters to Farm Press.
(d) Fieldman in Drainage work in Eastern Ontario.
(e) Fieldman in Soils & Fertilizers in Eastern Ontario.
(f) Fieldman in Pasture Improvement Work in Eastern Ontario.

Resignations:—Employees of Permanent Classification.

J. E. E. Nephew, B.S.A., Instructor in Animal and Field Husbandry and Dean of Men

Appointments:—To Permanent Classification.

A. D. Runions, B.S.A., Instructor in Animal and Field Husbandry and Extension Specialist

Student Royal Show:

This outstanding function was held on March 15th, 1937. Over 60 head of livestock was exhibited before the judges,—R. H. Graham, Ontario Livestock Branch, Toronto; Jas. R. Henderson, Livestock Breeder, Portsmouth.

Exhibits in Seeds, Roots, Grains, Pressed Weed Collections, Weed Seed Collections, Home Garden Plans, Insect Collections, Forging, Woodworking, Soldering, Rope Splicing, Harness Repair etc. were voted outstanding by the judges. Over 400 visitors were present.

Prize winners were:

Livestock—Arden Baker—Grenville County
Field Crops—Howard Henry—Carleton County
Weeds and Weed Seeds—Eric Barkley—Grenville County
Speed Milking Competition—Bev. Matheson—Oxford County
Clean Milk Contest—Bev. Matheson—Oxford County
Agricultural Engineering—Henry Taylor—Huron County

The Home Economics students held open house for their friends during the day. Visitors were taken through the Demonstration Home, School Residence, Clothing Laboratory and Class Kitchen. Afternoon tea was served to members of the Women's Institute and other guests from the surrounding district .

The staff would like to express sincere thanks for the co-operation, support and assistance of the following,—

Federal Dept. of Agriculture

(a) Central Experimental Farm, Ottawa
(b) Dominion Livestock Branch, Ottawa
(c) Dominion Seed Branch, Ottawa
(d) Federal Health of Animals Branch, Ottawa
(e) Agricultural Economics Branch, Ottawa
(f) Dominion Fruit Branch, Ottawa
(g) Dairy and Cold Storage Branch, Ottawa

Farm Press

Eastern Ontario Weeklies
Ottawa Newspapers
"Kemptville Advance"
Farm Magazines

Scholarship Donors:

Senator and Mrs. A. C. Hardy, Brockville
Geo. T. Fulford, Esq., Brockville
Right Honourable Geo. P. Graham, Brockville
W. B. Reynolds, M.L.A., Brockville
Colonel H. F. McLean, Merrickville
Ottawa Kiwanis Club—Ottawa (Carleton)
Osnabruck Junior Farmers Association (West Stormont)
Locheil Junior Farmers Association (Glengarry)
Renfrew Junior Farmer Clubs (Renfrew)

REPORT OF THE DIRECTOR OF HOME ECONOMICS

The Director has superintended the School Residence, lectured to the Junior and Senior Students in Home Economics, in Foods, Nutrition, Economics of the household and Family Relations, and had charge of the practice work of the girls while they live in the Demonstration House. She has also acted on the Curriculum Committee for the Home Economics program under the Dominion and Provincial Youth Training Movement, on the Publications Committee for the Women's Institute bulletin on Canning and as a Director of the Kemptville Summer Fair Board.

Students' Residence:

The staff includes,—

Dietitian and Dean of Girls—Miss Ruth Newell
1 cook
1 laundress
2 hall maids
7 waitresses

We regret that Miss Minnie McDiarmid, who had very efficiently carried on the work in the residence, resigned after the summer school session and took up a position under the Dominion and Provincial Rural Youth Training Movement.

The program of redecorating the residence has been promoted again this past year. New hardwood floors have been laid in the boys' residence and the other floors varnished; linoleum laid in the boys' halls, radiators painted etc.

Additions to the electrical equipment have included a floor polishing machine and a food mixing machine.

Chairs were replaced in many of the rooms and new furniture added in the room occupied by the Dean of Boys.

Laboratories:

Some large pieces of equipment were purchased for the laboratories to accommodate the increasing number of students. These included an electric refrigerator (to replace an obsolete ice box;) a double-oven electric range and an electric sewing machine placed in the Clothing Laboratory.

The Demonstration House:

The Visitors' Book at the Demonstration House shows that over 600 men and women have visited it during the year. Ten Women's Institute groups, averaging about 25 members each, visited the house during the summer. They each brought along a picnic lunch, became acquainted with the Home Economics Department, and spent the afternoon discussing the decorations of the house, its efficient kitchen etc. Assistance on equipment, plans and finishes has been given to women who are planning kitchens.

In addition to the visitors from outside, the Demonstration House has served its original purpose to give the students a place to put into practice the theory they have learned in the class room. In groups of four they have taken over the duties of housekeeper, waitress, cook or hostess.

The house has been a practice place for the home furnishing classes, in such things as furniture arrangement, curtains and accessories. In the second year of its use, the Demonstration House has proven its value as a part of the Home Economics Laboratories.

Students:

This year shows the largest enrollment to date in the Home Economics classes—with 4 senior students—7 juniors and 17 homemakers. Since the junior and homemaker students are grouped as one class for their practical work, the class is as large as can be accommodated in the laboratories.

REPORT OF THE POULTRY DEPARTMENT

During the Fall term, lectures were given to the regular students as follows,—

Junior Year:

3 periods per week on Poultry
1 period per week on Civics
1 period per week on Feeds

Senior Year:

3 periods per week on Poultry
2 periods per week on Economics and Marketing

During the winter term the Juniors receive one period per week on Civics and four periods per week on Poultry. The Seniors receive four periods per week on Poultry. Beside the regular students, some forty-five lectures were delivered to the Summer School.

During the past year there was an increased amount of extension work as follows,—

School Fairs - - - -	6
Meetings attended - - -	21
Short Courses - - - -	7
Culling Demonstration - - -	37

A total of 2,712 people were addressed.

During the early Fall a number of farm visits were arranged by the Co-operation Egg Selling Agencies in Eastern Ontario, and the farmers birds culled. 107 farms were visited and a total of 19,400 birds were culled and approximately 25% were marketed.

The pressing need in Eastern Ontario at the present time, is some work on the disease problem. Some work along this line is being undertaken for the coming year.

DEPARTMENT OF FARM ENGINEERING AND DRAINAGE

The following classes were given lectures and demonstrations by this department,—

Classes in Agriculture
Short Course Students
Dairy School Students
Teachers' Summer School Students

From May 1st. to Oct. 1st. this department acted as drainage supervisor for Eastern Ontario, working under the direction of the Drainage Dept., O.A.C. Guelph, Ontario. During the year 43 visits were made, of which 21 were advisory, 2 inspections and 20 were preliminary surveys, in which 37,432 feet of drains were surveyed. This included one often called an award ditch, constructed between five farmers. More of the drainage work this year was being done by ditching machines. The two jobs inspected were borrowing money under The Tile Drainage Act. A complete report of the work accomplished by this department during this period is included in the report of the Drainage Division, O.A.C. Guelph, Ontario.

Regular Course in Agriculture:

October to April

Lectures and demonstrations were given in the following subjects,—Drainage, Electricity, Meteorology, Hydrostatics and Mechanics, Selection, care and sharpening of tools, planning and construction of farm buildings, Concrete and its uses on the farm, Iron and Steel, Gas Engine, Tractor and Auto Mechanics, Farm Water Supply and Sewage Disposal, Selection, Care and Repair of Farm Machinery, Soldering, Harness Repair, Rope Splicing and Halter Making, Belts and Belt Lacing, Saw Filing, Forging, Oxy-Acetylene Welding and Woodworking.

In Welding, 39 welded milk stools were made. In woodworking, 165 articles were made, which consisted of book racks, electric table lamps, sets of double trees, end tables, book shelves, lawn chairs etc.

In Leather work, 40 hame straps and 40 show calf halters were made, in addition to considerable repair work being done.

The forge work and blacksmithing was given by Mr. Noah Brown, Kemptville, Ont. Each student received instruction and practice in horseshoeing and made such articles as a cold chisel, welded links, welded grab link, gate hook and staples, meat hooks, spring links, etc.

During the year the following equipment was added to this department,—

Miscellaneous tools to make more complete the equipment for woodworking and mechanics.

Through the co-operation of the Massey-Harris Co. Ltd. a Pacemaker Twin Power Tractor on rubber was loaned to this Department for class room purposes.

The International Harvester Co. Ltd. replaced their W.30 Tractor with steel wheels and lugs with a W.30 Tractor on rubber.

Short Course for Trainees:

Jan. 31 *to Feb.* 12, 1938

This department gave lectures, demonstrations and practical work to this Short Course Class on the following subjects,—

Harness Repair
Soldering
Knots, Splices and Haltermaking
Caring for machinery
Odd repair jobs around the farm and house
Filing saw and sharpening tools.

Plowing Demonstration Oct. 29, 1937

Through the co-operation of Mr. J. A. Carroll, Director of Agricultural Societies, Mr. L. H. Winslow, Director of the Prov. Plowing Match conducted a very successful demonstration in plowing for match work with the junior class.

Explosives Demonstration Nov. 1, 1937

Through the co-operation of the Canadian Industries Ltd. instruction and practise was given the Senior class in the handling of explosives and their use in blowing out stumps and breaking stones.

Oxy-Acetylene Clinic Feb. 21, 1938

Through the co-operation of the Dominion Oxygen Co. two experts in welding conducted a one-day clinic at this school, which our senior students attended and received valuable instruction and training in welding.

Moving Pictures:

Moving Pictures with Talkies on the Farm Implement business were shown the students through the co-operation of the International Harvester Co. on March 1st. Through the co-operation of the Massey-Harris Co. Ltd. on March 11th, also the Massey Harris had one of their expert mechanics demonstrate their new Pacemaker Twin Power Tractor to the Senior Class.

Frost & Wood Trip, March 21, 1938

Through the co-operation of the Frost & Wood Company, Ltd. the senior class visited their plant at Smiths Falls and saw the complete operation of manufacturing farm machinery.

EASTERN DAIRY SCHOOL

The past year concluded the forty-fourth session of the Eastern Dairy School. Twenty students attended the full three months' course; three students attended for special work and sixty-one attended special weekly lectures, making a total attendance of eighty-four. Nineteen of the full course students wrote their examinations and sixteen passed satisfactorily. Ten counties were represented in the registration, namely, Carleton, Dundas, Glengarry, Grenville, Hastings, Leeds, Prescott, Renfrew, Russell and Stormont.

The staff of the Dairy School consisted of the Superintendent and four instructors, placed at the disposal of the School by the Dairy Branch. Members of the Agricultural School assisted with the work in Dairy Mechanics, Public Speaking and Dairy Live Stock. Members of the Federal and Provincial Dairy Departments kindly gave their services in visiting the school for special lectures.

As an appreciation of the valuable work carried on by the Eastern Dairy School, and in order to encourage students in their studies ,the Montreal Provision Trades Association branch of the Montreal Board of Trade has been pleased to recently offer competitive scholarships to the school, amounting to $100.00.

During the period of the year when the school was not operating, the Superintendent was occupied with work assisting the Provincial Dairy Branch, Summer School for Rural Teachers and the Classes of the Kemptville Agricultural School.

In the early Spring a special demonstration in cheesemaking was conducted at the Cloverdale Cheese Factory in Picton County and assistance given at the two days' Short Course for Cheesemakers at Casselman.

During the summer forty-five cheese factories having trouble with second or lower grade cheese were visited or contacted through the local instructors. Nearly sixteen hundred samples of milk were microscopically examined either at the factories or in the laboratory of the school. Full reports of these examinations were sent to all the factories concerned. Wherever there was trouble with second or lower grade cheese these examinations showed considerable contamination in the milk received at the factories or the sanitary conditions of the factories were unsatisfactory.

In many countries the Methylene Blue test is now being adopted as the most satisfactory practical method of detecting contaminated milk at the factory. The Dairy School has been trying out this test during the past winter with milk delivered for cheesemaking. Our results support the recommendation of the test by leading bacteriologists. Its adoption in Ontario as a standard guide for the bacterial contamination of milk seems to be worthy of serious consideration and complete investigation.

DEPARTMENT OF CHEMISTRY, SOILS & FERTILIZERS

During the Spring and Summer of 1937, thirty demonstrational plots were laid out and supervised in the eleven Counties from Frontenac east. Each plot received various fertilizer mixtures and were tested out on Spring Grain, Meadow, Alfalfa, Potatoes and turnips. During this period 19 field and evening meetings were addressed with a total attendance of 1230. Considerable interest was developed in Soil Testing and during the year over 500 samples of soil were tested.

During the Fall and Winter, lecture and laboratory work with the regular students in Agriculture and Home Economics was given covering Inorganic, Organic and Food Chemistry and Soils and Fertilizers, Lime and Manures.

Extension work during this period is confined mainly to Short Course work and Farmers' meetings.

DEPARTMENT OF APICULTURE

A small Apiary is maintained to serve for demonstrational purposes and supply the residence with honey. No experimental work is carried out. Lectures are given to the Junior year in Agriculture and Home Economics covering the Care and Management of Bees, and Care, Uses, and Grades of Honey.

DEPARTMENT OF HORTICULTURE

Lectures were given in the several branches of Horticulture, namely:—Pomology, Vegetable Gardening and Floriculture with practical instruction as far as seasonal conditions permit. A Course of Lectures and Laboratory work were conducted in general Botany and Plant Pathology.

Lectures in Entomology and instruction in the identification of the commoner species of injurious and beneficial insects and methods of spraying and dusting were undertaken.

The Department of Horticulture had the supervision of the general up-keep and development of the school grounds, campus, green-houses, vegetable garden and orchard.

The extension work was of a general nature with assistance to Orchardists and Vegetable Gardeners in connection with pruning, spraying and other problems. In this connection and in collaboration with the Agricultural Representative, a Spray Service was maintained throughout the season, consisting of seasonal letters to orchardists.

Illustrated talks were given on a variety of Horticultural subjects to clubs and organizations requesting this assistance.

In collaboration with several School Inspectors, a number of rural schools have been selected for development, advice on planting is given, and a quantity of perennial material, annually available from the School grounds, is sent out to these schools to further this work.

Visits were made and suggestions given to many needing advice on Farm Home Beautification.

Pure Bred Livestock:

The purchase of two Jersey show cows during the year brought another Dairy Breed to the School Herd. While two animals are not sufficient to make satisfactory judging classes, the animals are used for demonstrations with the students. In a more practical way it also affords an opportunity of comparing the production of milk and butter fat of the Jersey cow with the established Dairy Breeds, viz., Ayrshire and Holstein.

The second Percheron was added to the Horse string when a yearling filly was secured direct from the Western Canada Summer Show Circuit.

Another Clydesdale mare was also added, the first prize mare at the 1937 Stratford Spring Show being purchased for the school. During the year this mare was bred to Craigie Realization (Imp.).

Three Shropshire Ewe lambs were purchased, in addition to exchanging the aged Shropshire ram for another aged ram. These were all secured from a prominent Shropshire breeder.

The remainder of the Livestock along with the above mentioned additions was maintained and handled in a practical manner. During the year surplus young breeding stock was supplied to farmers of the district at prices in keeping with the times.

Commercial Livestock:

Ninety-seven Western lambs were purchased during November and fed throughout the winter. Despite prevailing low prices, the lambs showed a profit over feed of about 50c per lamb. In addition to demonstrating to the students the proper methods of feeding and handling range lambs, they were also used for class room purposes. The students were given practice in Judging, Grading, trimming and shearing market lambs. A number of the lambs were also slaughtered and used in carcass demonstration during the regular Livestock Short Course.

Field Crops on School Farm:

The usual farm crops common to this section of the Province were grown on the School Farm during the year.

Despite the unfavourable season for all cereal grass, a fairly satisfactory yield of Registered Alaska Oats was secured. After being properly cleaned and graded in the Seed Cleaning Plant they were sold to farmers of the district as 3rd generation, Registered No. 1 Alaskan Oats at very satisfactory prices.

The hay crop was fair, while the yield of roots was slightly above the average. A sufficient acreage of corn was grown to fill three silos 12 ft. x 30 ft.; 14 ft. x 30 ft.; 16 ft. x 32 ft.

Seed Cleaning Plant:

The Seed Cleaning Plant was operated as a custom plant during the Winter months. The new equipment installed last year gave very satisfactory results. Following is a detailed account of the custom work:—

SMALL SEEDS

	Timothy	36,159 lbs.
	Sweet Clover	31,578 lbs.
	Alfalfa	15,430 lbs.
Number of Farmers using	Red Clover	4,720 lbs.
Plant—248.	Alfalfa & Red Clover	1,730 lbs.

GRAINS

Approximate Receipts—**$703.64**	Oatts	71,096 lbs. or	2,091 bus.
	Barley	29,933 lbs. or	611 bus.
	Wheat	12,230 lbs. or	204 bus.
	Beans	8,590 lbs. or	143 bus.
	Peas	1,591 lbs. or	27 bus.
	Flax	1,255 lbs. or	22 bus.
	Rye	590 lbs. or	11 bus.

HORTICULTURAL EXPERIMENT STATION, VINELAND

RESEARCH PROJECTS

Soil Analysis: The analytical work in the soils laboratory was continued during the past year. A total of 401 farmers' samples were analysed and reports made on this analysis. In connection with Project No. 271, "A STUDY OF THE EXTENT TO WHICH APPLE ORCHARD CULTIVATION MAY BE ECONOMICALLY REDUCED", 624 moisture samples and 224 Nitrate Nitrogen determinations were made. For Project No. 361, "SOIL ORGANIC MATTER STUDIES", 180 Nitrate Nitrogen determinations were made. For Project No. 291, "JORDAN GRAPE EXPERIMENT", 184 determinations for potassium were made. This completes the analysis of all soil samples taken in connection with this experiment to date.

Nutrition of Peach Trees: Pot culture work with peaches was continued in order to determine the nutrient intake of the peach. 126 trees were grown in four gallon glazed crocks containing sterile sand to which nutrient solutions of known composition were added every fourth day. In all, 21 different ratios of anions to cations were used. From this work it would appear that the peach utilizes a low ratio of nitrogen to potassium, and that phosphorus is necessary only in small amounts. During this coming season this phase of the work will be enlarged using fresh trees started from a single bud.

Root Rot in Strawberries: Root rot in strawberries continues to be a serious cause of loss to growers. Studies in methods of control by biological and chemical treatments of the soil are being continued. Also, the production of clean rooted plants by growing in steam sterilized soil is being extended. About fifteen hundred plants rooted in sterilized soil were supplied to two growers for a semi-commercial test. These will be grown under the same conditions as their ordinary run of plants and will be compared in health, vigour and productiveness.

East Malling Apple Stocks: The test of the East Malling apple rootstocks in comparison with the French Crab seedling rootstocks commonly used by Ontario nurseries has now completed its eighth year in the orchard. With the R.I. Greening variety, Malling XVI, a vigorous rootstock, seems to result in larger and more productive trees than French Crab seedling rootstocks but in the other four varieties the latter trees are more productive. Trees on Malling II rootstocks are slightly dwarfed and have been more productive than the trees on French Crab seedling rootstocks except in the Melba variety. Malling I rootstocks, which have some difficulty in getting their potassium supply, have not been very satisfactory on our soil which is low in readily available potassium. Taking the average of all varieties, trees on Malling IX rootstocks, very dwarfing, are still slightly in the lead in yield per tree. These latter trees require a good sized post as a support to guard against breakage at or below the bud union. They are also much given to rooting from the scion and thus losing their dwarf habit. For this reason they must be planted with the union two or three inches above ground level. The per tree yields (lbs.) 1930-37, averages of all five varieties, are as follows:

French Crab Seedlings	East Malling Stocks			
	XVI	I	II	IX
85	70	88	113	118

Cherry Stocks: Some of the tests of Mazzard and Mahaleb cherry stocks on farms of the district have now completed their fourth year in the orchard. A few of the trees bore fruit in 1937 and there appeared to be no appreciable stock effect with regard to earliness of bearing. The trees on Mahaleb roots were the larger at planting time and are still in the lead but in 1937 there seemed to be some evidence that the trees on Mazzard roots are commencing to overtake the former. The spring was very wet and it appears that the Mahaleb roots are more adversely affected by these conditions than are the Mazzard roots.

Pruning Fruit Trees at Planting Time: Cutting back the branches of nursery trees at planting time results in a crowding of laterals immediately back of the cut and some of these have weak crotches subject to breakage. Furthermore many of these laterals cannot be permanent because they are too close to the main trunk where a congestion of branches cannot be permitted. Either the laterals should be left full length or cut to a one or two bud stub, the latter treatment usually preferred.

Grape Pruning and Soil Fertilization: The ninth year of the experiment at the Haines Concord vineyard at Jordan has now been completed. For a number of years several of the plots were deliberately pruned too heavily and in the last three years the other extreme was also attained. Overpruning reduced yields but, though size of bunch and berry was increased over normal pruning, the sugar content of the juice was lower. Underpruning gave small loose bunches of small berries but the sugar content of the juice was normal or above. However, when underpruning was continued for a few years the vines became weak and subject to drouth and freezing injury. During the last few days before the cutting season there was a slight increase in sugar content and a decided decrease in acid content. Undoubtedly most of the improvement in eating quality during this period is due to the decrease in total acids.

Nitrate of soda alone has given no increase in growth or fruiting. There has even been a tendency in the other direction. The increases from phosphate and potash fertilizers have been small, the combination of these two mineral fertilizers with nitrate of soda being the most effective. Soil analyses indicate that only small amounts of the mineral fertilizers have reached the root zone and therefore lack of effect from them may be due to their inaccessibility to the roots.

Additions of straw with enough nitrate to guard against nitrogen starvation of the grape vines has given marked increases in growth and fruiting. Green manure crops have also been effective and at less cost than the straw treatments. The experiment has now been modified to include additions of finely cut alfalfa hay.

Asparagus Strain Test: The yields for one season from the plots of selected strains of asparagus indicate that the plants from selected high yielding parents may outyield some of the commercial seedling plants by almost one hundred per cent.

Vegetable Variety Tests: In 1937 the variety test plots for vegetables were greatly extended to include over five hundred duplicate samples of various varieties. This project was carried out in co-operation with the Canadian Seed Growers Association and the Seed Division of the Dominion Department of Agriculture. 'Merit' samples were submitted by the Horticultural Division of the Central Experimental Farm at Ottawa. 'Purity of variety' samples were submitted by the Seed Division of the Dominion Department of Agriculture and the 'verification' samples were submitted by the Canadian Seed Growers Association. Detailed descriptions and field notes were taken on all samples. Reports covering same were sent to the various parties interested.

FRUIT BREEDING

A large part of the early work in hardy fruit breeding at this Station was of the trial and error type. This was largely because of the lack of information on the breeding value of varieties so that one guess was as good as another as to what combinations might give results of value. This work has led to some very unexpected results and while we are still very much in the dark as to which varieties give the best results, we have at least learned to avoid certain varieties.

APPLES. It is now known that the chromosome numbers of apple varieties may differ. One group has 34 chromosomes (diploids) whereas another group has 51 (triploids). From the practical breeding standpoint all of the latter group, for example, Baldwin, Blenheim, Gravenstein, and R. I. Greening, are to be avoided. Fruit from these varieties contain only a few seeds which germinate poorly and those which do grow produce very weak plants. For example, large numbers of seeds of both Blenheim and Greening have been planted, yet none of the seedlings have had sufficient vigour to get past the nursery row. Because of poor pollen these varieties also fail when used as pollen parents.

Certain other varieties have also proven very disappointing. Fameuse, a variety which was used with the hope of obtaining high quality fruit, produced seedlings giving inferior quality fruit. Furthermore, they were a long time coming into bearing. To date Delicious also has produced only seedlings bearing a most inferior quality fruit. Other varieties, such as Duchess and McIntosh, produce seedlings of a better type and although few selections have yet been made from these, the uniformly good type of seedling has been encouraging.

In a block of McIntosh seedlings from controlled crosses the pollen parent influence is very evident in tree characters. As these trees fruit the influence of pollen parent on fruit characters will be watched with great interest and will be studied in considerable detail. Should McIntosh seedlings inherit many of the good qualities of McIntosh and also take on freely those of other varieties it may prove to be a most valuable seed parent.

McIntosh x Delicious. The trees are quite upright and have the characteristic bark colour of Delicious as well as resembling that variety in leaf. Many of the seedlings are very typical Delicious.

McIntosh x Duchess. These trees growing alongside the above offer a distinct contrast. The seedlings from this cross are quite spreading with long rangy branches and very large leaves.

McIntosh x Spy. This cross gives an upright type of tree with the *Spy growth charcteristics predominating.*

McIntosh x Wealthy. This cross presents another distinct growth type, somewhat spreading, but lacking the ranginess and large leaf size of the Duchess cross.

McIntosh x Cortland. These seedlings were low in vigour and none were carried beyond the nursery row.

Other Varieties. Fameuse, Jonathan and Melba have also been used in these crosses but while each seems distinctive the differences are less pronounced.

PEARS. A block of open pollinated seedlings has presented some variety observations. To date Bartlett ,Clapp and Clairgeau are the only varieties which have given promising seedlings. Seckel holds promise as a pollen parent but unfortunately will not cross with Bartlett. The following brief notes on the varieties used are suggestive of their value:

Bartlett. The Bartlett type predominates and in some cases almost exact reproductions of Bartlett shape are obtained. The seedlings are vigorous and while no outstanding seedlings have been saved they have been very uniform.

Clairgeau. Clairgeau has produced pears of good size and attractiveness. The range in season of maturity was wide while the quality was generally fair, and often good. There may be a tendency towards a softness at the core in these seedlings but it may have been exaggerated somewhat by the stage of maturity of the pears when sampled.

Clapp. These seedlings are of good vigour with fruit of good appearance. One or two had quite solid flesh.

Duchess. The seedlings of Duchess were not overly robust but there is a suggestion that location might have influenced this character. Size of fruit was mostly below medium; seldom was a large pear found. When used as a pollen parent large size was more in evidence but the roughness of Duchess also predominated. From results to date it would seem to have little value for breeding.

Flemish Beauty. Lateness in season with good to large fruit size was typical of many of the seedlings, but susceptibility to scab was so pronounced in many of the seedlings that this would offer serious objection to the use of this variety for breeding.

Giffard. Earliness and small size predominated in the seedlings from this variety. Colour was generally poor. A few trees produced later ripening fruit (Sept. 10) and with these there was an increase in size of fruit, but none could compare with Bartlett which is in season about that time.

Goodale. Seedlings from this variety produced unattractive green pears in varying sizes. The trees were generally poor, lacking in vigour.

Kieffer. Kieffer type predominated and unless one wished a pear of this type this variety presents little breeding value. Size of fruit varied considerably.

Le Conte. The Oriental type of pear again predominated with the fruit varying greatly in size. None however, were large or attractive, being of a green colour. Of the two varieties Kieffer offers greater promise from a breeding standpoint.

Seckel. Seedlings of Seckel run very true to type, few being larger than the seed parent. High quality predominated and from limited results this seems to be transmitted when Seckel is used as a pollen parent.

PLUMS. Several lots of open pollinated seedlings of plums have been planted but mostly with poor results, seedlings of Reine Claude in particular being very low in vigour. The fruit from these open pollinated seedlings was very low in quality and of poor size.

One block of 237 seedlings, the result of a cross between Coe's and Grand Duke, have however proven very interesting. Coe's is a high quality green plum, freestone, and of late season. Grand Duke is of only fair quality, blue, clingstone, and late. The seedlings from this cross are nearly all late maturing, from mid-September into October. The quality has varied but in many cases has been very good, resulting in several of the seedlings being selected for further test.

As regards colour a very uniform 'break' occurred, although the clinginess factor of Grand Duke was very dominant regardless of the colour transmission as indicated in the following table:

SKIN COLOUR AND CLINGINESS IN THE SEEDLINGS OF COE'S GOLDEN DROP X GRAND DUKE CROSS

Colour	Clingstone	Semi-cling	Freestone	No Record	Total
Blue	65	8	13	15	101
Green	76	5	11	8	100
No Fruit	0	0	0	26	36
Total	141	13	24	59	237

SWEET CHERRIES. With Sweet Cherries the parental characteristics have not been so outstanding, often owing to poor cherry soil. Some times it was not clear whether the soil or the seedlings were at fault. Two seedlings were named during 1937. Following is a brief description of the two varieties:

Vernon (160133) is a large black, maturing ahead of Windsor and about with Bing. It is a very firm cherry and cracks very little in adverse weather, the chief fault of Bing. When canned Vernon retains its solid dark red color and in bottles resembles small pickled beets. In freezing experiments carried on at the Department of Horticulture, Ontario Agricultural College, the fruit of Vernon has ranked first among the varieties tested. The tree characters are good and it bears well. This variety has also done well at Summerland, B.C.

Velvet (160119) is a large black, maturing shortly after Windsor. The trees are large and prolific, slightly susceptible to lime sulphur injury, resembling Schmidt in this particular. Velvet has created a lot of interest among cherry growers visiting the Station because of its late season and general attractiveness.

PEACHES: *A Summary of the Peach Breeding Work from* 1911-1937 *inclusive.* The following tables summarize all the peach breeding work done at this Station from its inception in 1911 up to and including 1937.

For many years the Elberta variety was the predominating peach grown throughout the Niagara Peninsula. Many other varieties were grown but the bulk of the crop was Elberta. In the peach breeding work planned and carried out one of the main considerations was to breed new varieties of the so-called Elberta type which would extend this season forward from that of Elberta itself. As a direct result of this work five varieties have been introduced to the trade varying in season from Rochester to Elberta. These varieties are Vimy, Vedette, Valiant, Viceroy, and Veteran. It is interesting to note that all of them have some Elberta blood, and that all of them have better quality than the Elberta. Vedette, Valiant and Veteran have been planted extensively and now comprise probably not less than forty percent. of the orchards six years of age and under.

Of the work done in the last few years many seedlings containing blood of the J. H. Hale are being grown in the test orchard. Some of these selections are worthy of note and may be worth naming.

TABLE I.—PEACH BREEDING

Cross Pollinations	No. of seeds planted	Selections made	Selections named	Name Given
Arp Beauty x Early Crawford	100	0	0	0
x Elberta	100	0	0	0
x Mayflower	100	0	0	0
x St. John	100	0	0	0
Connetts x Arp Beauty	610	0	0	0
x 131311 (Fitzgerald selfed)	106	0	0	0
Early Crawford x Greensboro	522	2	0	0
x Admiral Dewey	970	1	0	0
Arp Beauty	780	1	0	0
Early Newington x Starks Early Elberta	53	0	0	0
Elberta x Arp Beauty	717	8	1	Vimy
x Early Crawford	1065	1	0	0
x Greensboro	716	1	0	0
x St. John	93	1	0	0
Greensboro x Early Crawford	50	0	0	0
x Elberta	140	0	0	0
x St. John	240	0	0	0
J. H. Hale x Valiant	750	8	0	0
x Vaughan	808	9	0	0
x Vedette	65	14	0	0
x Viceroy	111	0	0	0
x 1940149 (Vaughan x Early Elberta)	5	0	0	0
June Elberta x Valiant	140	0	0	0
x Vaughan	100	0	0	0
x Vedette	300	0	0	0
x Viceroy	100	0	0	0
x 194049 (Vaughan x Early Elberta)	100	0	0	0
Mayflower x St. John	100	0	0	0
x Arp Beauty	20	0	0	0
x Early Crawford	150	0	0	0
x Elberta	100	0	0	0
New Prolific x Early Crawford	31	1	0	0
x Greensboro	49	1	0	0
Smock x Greensboro	206	0	0	0
St. John x Admiral Dewey	936	1	0	0
x Arp Beauty	86	1	0	0
x Early Crawford	126	0	0	0
x Greensboro	318	0	0	0
x Mayflower	50	0	0	0
x Sneed	203	0	0	0

Valiant x June Elberta	100	0	0	0
x 194049 (Vaughan x Early Elberta)	100	0	0	0
Vaughan x Arp Beauty	766	7	0	0
x Greensboro	121	0	0	0
x June Elberta	100	0	0	0
x Starks Early Elberta	261	17	2	(Viceroy
x Valiant	25	2	0	(Veteran
x Vedette	36	3	0	0
x Viceroy	37	0	0	0
x 17111 (Early Crawford x Arp)	103	0	0	0
x 194049 (Vaughan x Early Elberta)	84	1	0	0
Viceroy x Rochester	122	2	0	0
Vimy x June Elberta	100	0	0	0
x Vaughan	100	0	0	0
x 194049 (Vaughan x Early Elberta)	100	0	0	0
11401 (Elberta Sdlg) x 13061 (Ely. Crawford x Greensboro)	295	8	0	0
Elberta Sdlg x Arp Beauty	922	0	0	0
13053 (Elb. x Ely. Craw) x 13061 (Ely. Craw x Greensboro)	70	3	0	0
13056 (Elb. x Ely. Craw.) x Red Bird Cling	74	0	0	0
130610 (Ely. Craw x Greens) x 132312 (St. John Sdlg.)	247	0	0	0
131654 (Leamington x Red Bird Cling selfed)	110	0	0	0
Leamington x Greensboro	65	0	0	0
16015 (Elb. x Arp) x 131654 (Leamington selfed)	168	0	0	0
16019 (Elb. x Arp) x Red Bird Cling	204	0	0	0
17021 (St. Jon x Ely. Craw) x 13061 (Ely. Craw. x Greens)	49	0	0	0
17022 St. John x 17121 (New Prolific x Ely. Craw.)	76	0	0	0
17093 (Elb. x St. John) x 17121 Prolific x Ely. Craw.	11	0	0	0
17111 (Ely. Craw. x Arp) x Vaughan	44	0	0	0
1940149 (Vaughan x Ely. Elb.) x 2025 (Vaughan x Arp)	83	3	0	0

TABLE II.—PEACH BREEDING

Self Pollinations		No. of seeds planted	Selections made	Selections named	Name Given
Admiral Dewey	Selfed	416	0	0	0
Arp Beauty	”	100	0	0	0
Bokhara	”	284	0	0	0
Brigdon (Garfield)	”	154	0	0	0
Connett	”	382	0	0	0
Crosby	”	90	0	0	0
Early Crawford	”	745	0	0	0
Edgemont Beauty	”	169	0	0	0
Elberta	”	497	1	0	0
Engles Mammoth	”	171	0	0	0
Fitzgerald	”	300	1	0	0
Gold Drop	”	250	0	0	0
Greensboro	”	375	0	0	0
Klondyke	”	120	1	0	0
Late Crawford	”	36	0	0	0
Leamington	”	150	3	1	Vaughan
Mayflower	”	120	0	0	0
Millionaire	”	75	1	0	0
New Prolific	”	421	0	0	0
Reeves Favorite	”	42	0	0	0
Richmond	”	221	0	0	0
Rochester	”	49	0	0	0
Slappey	”	84	0	0	0
Smock	”	135	0	0	0
Snow Orange	”	326	0	0	0
St. John	”	540	0	0	0

TABLE III.—PEACH BREEDING

Open Pollinations	No. of seeds planted	Selections made	Selections named	Name Given
Admiral Dewey	5,500	0	0	0
Alexander	98	0	0	0
Arp Beauty	639	0	0	0
Banner	100	0	0	0
Blood Peach	100	0	0	0
Dymond	200	0	0	0
Early Crawford	2,000	0	0	0
Edgemont Beauty	390	0	0	0
Elberta	12,244	23	2	-(Vedette (Valiant
Engles Mammoth	338	0	0	0
Greensboro	5,500	0	0	0
Gold Drop	200	0	0	0
Hill's Chili	52	0	0	0
Jacques Rareripe	300	0	0	0
June Elberta	99	0	0	0
Kalamazoo	100	0	0	0
La Vainquaer	132	0	0	0
Leamington	323	0	0	0
Lemon Free	2,500	1	0	0
New Prolific	2,500	1	0	0
Libbee Cling	200	0	0	0
Longhurst	415	0	0	0
Melecoton	44	0	0	0
Peaks Cling	200	0	0	0
Red Bird Cling	211	0	0	0
Reeves Favorite	359	1	0	0
Smock	349	0	0	0
St. John	1,926	1	0	0
Tyhurst	200	0	0	0
Vedette	50	1	0	0
Wilder	85	0	0	0

TABLE IV.—PEACH BREEDING

SELF-POLLINATIONS

Selfed seedlings from seedlings of the following parentage	Breeding Number assigned	No. of seeds planted	Selections made	Selections named	Name Given
Elberta Seedling	1733	86	0	0	0
St. John x Sneed	1901-02, 2219, 2306	89	0	0	0
Elb. x Ely. Crawford	1903-04	86	0	0	0
Elberta Selfed	1905-07, 2007	43	0	0	0
Ely. Crawford selfed	1908-09, 2008-09	31	0	0	0
Ely. Craw. x Greens.	1910-20, 2005	497	3	0	0
Klondyke selfed	1921	65	0	0	0
Leamington Selfed	1922-25	169	0	0	0
St. John Seedling	1926	25	0	0	0
St. John Selfed	1928-30, 2206	68	0	0	0
Late Craw. selfed	1931-34	55	0	0	0
Gold Drop selfed	1935-36	25	0	0	0
Fitzgerald selfed	1937-38	120	0	0	0
Crosby selfed	1939	20	0	0	0
Ely. Craw. selfed	2001-02	218	0	0	0
Elberta seedlings	2010	430	0	0	0
St. John x Arp	2202, 2301	221	0	0	0
St. John x Ely. Craw.	2203, 2308	187	0	0	0
Elberta x Greensboro	2204, 2309	133	0	0	0
Elberta x St. John	2205, 2310	269	0	0	0
Ely. Crawford x Arp	2206, 2302	311	0	0	0
New Prol. Ely. Craw.	2207, 2311	211	0	0	0
New Prol. x Greens.	2208, 2303	148	0	0	0

Table IV (Continued)

Elberta x Arp	2214-16, 2305-07	161	0	0	0
Ely. Craw. x Ad. Dewey	2217, 2312	349	0	0	0
Smock x Greensboro	2218, 2313	171	0	0	0
St. John x Ad. Dewey	2304	323	0	0	0

TABLE V.—PEACH BREEDING
OPEN POLLINATIONS

Open Pollinated seedlings from seedlings of the following parentage	Breeding No. assigned	No. of seeds planted	Selections made	Selections named	Name Given
Elberta Seedlings	1604	300	0	0	0
St. John Seedlings	1605	200	0	0	0
Leamington Selfed	1724-31	267	0	0	0
St. John x Sneed	1942-43	508	0	0	0
Ely. Craw. x Greensboro	1945-57	1,582	0	0	0
St. John Selfed	1958-63	1.824	0	0	0
Millionaire Selfed	1964-66	98	0	0	0
Leamington Selfed	1967-71	1,372	0	0	0
St. John Seedlings	1972-76	945	0	0	0
Elberta x Ely. Craw.	1980-85	1,220	0	0	0
Elberta Selfed	1986-88	221	0	0	0
Ely. Craw. Selfed	1989-90	67	0	0	0
Late Craw. Selfed	1991-92	55	0	0	0
Fitzgerald Selfed	1993-98	399	0	0	0
Elberta x Arp	2233	106	0	0	0
Arp x Mayflower	2234	98	0	0	0
Ely. Craw. x Ad. Dewey	2237	96	0	0	0
New Prolific x Ely. Craw.	2238	105	0	0	0
Smock x Greensboro	2239	82	0	0	0
Elberta x St. John	2240	84	0	0	0
St. John x Ely. Craw.	2241	108	0	0	0
Vaughan x Arp	2702	500	7	0	0
Vaughan x Greensboro	2804	50	0	0	0
Vaughan x Ely. Elberta	2904	600	8	0	0

RED RASPBERRIES. From the twenty crosses made last year (1936) between early varieties of the red raspberry (Lloyd George, Brighton, Count and Starlight) about 4,500 seedlings have been obtained.

According to recent work reported in Science the aphid which spreads mosaic on the red raspberry does not thrive on the Lloyd George and thus this variety presumably escapes mosaic. Therefore, it is hoped that some of the seedlings with Lloyd George as a parent may also escape mosaic.

VEGETABLE BREEDING

TOMATOES. The Italian tomato breeding experiment is being extended to include several new varieties and many hybrids will be tested carefully during the 1938 season .

The commercial demand for seed of the Harkness tomato exhausted all available supplies early in 1938. Improved strains of this variety are being grown at the Station to maintain stock seed for growers who wish to produce further seed for their own use.

Considerable interest has developed in the Mould-Resistant tomato. Many requests for seed have been received but until there is further selection of a desirable commercial type no seed will be available for distribution.

SWEET CORN. Corn breeding has been continued along similar lines to that carried on in previous years. New varieties and hybrids including several Station hybrids have been tested and in some of the latter the stock of seed has been increased. Several hybrids, made at this Station last year, were given their first trial this year and one or two seem to have promise.

A variety developed at this Station from a cross between Golden Bantam and Black Mexican is being given an extensive trial by one of our large canning companies for canning on the cob. It is a high quality tender corn and has a very narrow ear which makes it suitable for this type of canning.

By a co-operative plan with the Agricultural Representative of Lincoln County, seed of one of our new hybrids has been increased sufficiently that a semi-commercial test can be made.

A large American seed company has included again this year three of our hybrids in their variety trials. Also, a large American canning company is interested in several of our sweet corn originations.

RHUBARB. Several small quantities of the new Red Rhubarb (Vineland No. 30) have been sent to growers who requested samples. Reports on this variety continue to be favourable.

EXTENSION

Increasing requests for examination of soils for their suitability for different fruit crops were received and growers and prospective growers were given all possible assistance. Problems of cultural operations, varieties, disease and insect control together with mouse and rabbit injury problems were discussed with growers in many parts of the fruit growing sections of the province. Assistance was given the Statistics and Publications Branch, Ontario Department of Agriculture, in obtaining information for their crop reports.

Spray Service. A total of 1134 growers in the Niagara Peninsula received the usual Spray Service letters, fifteen of these being mailed to each grower during the spraying season. This service has grown from 553 growers in 1929, when first taken over by this Station. One spraying project was carried out in co-operation with the Dominion Entomological Laboratory here. This was in connection with Codling Moth control. Five sprays were applied, including the calyx application, and as a result the deep injury by this insect was reduced to less than 6%, compared with over 60% in the same orchard in 1936.

Marketing. Growers and growers' co-operatives were assisted during the winter months in the marketing of their apples on the export market. A brief survey of retail store conditions with regard to the sale of apples was made with a view to increasing the home consumption of this fruit.

Enforcement of the Ontario Plant Diseases Act. Co-operation was again extended to the Provincial Entomologist with regard to nursery inspections, fumigation for export to Nova Scotia, inspection of municipal fruit pest inspectors accounts in accordance with the Act and inspection of canning factories to ensure proper sanitary measures being taken to prevent the spread of Oriental Fruit Moth.

Orchard Soil Fertility Survey. Field work was continued on the Orchard Soil Fertility Survey. During the past year representative orchards in Elgin, Kent and Essex were tested. While this work was spread over a large area during this past year enough orchards were sampled to give a fairly accurate picture of the mineral levels in this area.

Nursery Inspection for the Elimination of Varietal Mixtures. In 1937 thirty nurseries were inspected and a total of 715,300 fruit trees were examined. These were practically all of the Ontario-grown trees which were coming of salable age in this year. Of misnamed trees there were 4.763 (0.6%), nearly two-thirds of which were peach trees. These trees were broken down or labelled correctly. Though this service is not compulsory all nurseries have readily accepted it and given splendid co-operation towards the elimination of misnamed trees in their nursery rows.

Meetings and Attendance. During the fiscal year 1937-38, members of the staff addressed 58 meetings of fruit growers and students with an average attendance of 40 at each meeting, or a total of 2350 persons.

Popular Articles.

Fertilizing the Red Raspberry. W. J. Strong. Better Crops with Fertilizers, March 1937.

Some Notes on the Possible Value of the Newer Varieties of Fruit. G. H. Dickson. Can. Hort. and Home Magazine, March 1938.

Freezing of Fruit Tree Roots. W. H. Upshall Can. Hort. & Home Magazine, May 1937.

Maturity Dates for some Fruit Varieties. J. R. vanHaarlem. Can. Hort. & Home Magazine, March, 1938.

Vegetable Crops which might be Grown More Extensively. O. J. Robb. Can. Hort. & Home Magazine, June 1937.

The Harkness Tomato. O. J. Robb. Can. Hort. & Home Magazine. Nov. 1937.

The Origin of some of our Vegetable Varieties. O. J. Robb. Can. Hort. & Home Magazine, April 1938.

Bulletins.

The "V" Peaches. W. H. Upshall and J. R. vanHaarlem.

The Grape in Ontario. E. F. Palmer and J. R. vanHaarlem.

Pruning the Tree Fruits. W. H. Upshall

Technical Articles.

Some Unusual Bud Sports of the Peach. W. H. Upshall, Proc. Amer. Soc. Hort. Sci. 1937.

Malling Stocks and French Crab Seedlings as Stocks for Five Varieties of apples. W. H. Upshall. Sceintific Agriculture, March 1938.

A Study of the Extent to which Apple Orchard Cultivation may be Reduced. G. H. Dickson. Scientific Agriculture, July 1937.

Pollination of the Shiro Plum. G. H. Dickson. Scientific Agriculture, August 1937.

WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN

The season of 1937 was fairly satisfactory from the standpoint of the farmer in Southwestern Ontario.

While the prices of produce were below those of 1936, the returns, generally speaking, were on a par with preceding years.

Adequate rainfall during the growing season assisted materially to overcome the effects of the dry season of 1936. During the early part of April, the temperature was very variable, winds very high and quite constant with only a fair amount of rainfall. This, however, had been remedied by the end of the month.

Heavy snowfalls were recorded during the winter of 1937-38. From November 1st to March 31st, thirty-nine inches had fallen.

Rainfall April to October (inclusive)

April	5.52 inches
May	2.09 inches
June	3.81 inches
July	2.20 inches
August	3.44 inches
September	1.86 inches
October	3.44 inches

The following table gives yield and acreage of main crops on the farm:-

Wheat	713 bus.	27 acres
Oats	1360 bus.	18 acres
Barley	526 bus.	10 acres
Soy Beans	175 bus.	4 acres
White Beans	850 bus.	27 acres
Corn	2200 bus. (ears)	20 acres
Tobacco	5050 bus.	3 acres

All the farm crops were up to normal, with oats, beans and corn above the average. The demand for seed continues to be far in excess of the supply.

SEED CLEANING PLANT

A seed cleaning plant was installed during the late summer. Operations were commenced during the second week in September. About 5700 bushels of wheat were cleaned for seed for the farmers in this section, for which a nominal charge was made.

Up to the end of March. nearly half a million pounds of grain, beans and clover seed have been cleaned. This includes our own seed and also seed for distribution.

A seed Treater has been installed and the necessary Dust purchased for treating cereals. This should prove beneficial to the farmer in combatting the various diseases to which cereals are susceptible.

SOIL WORK

To assist the farmer to choose the fertilizer he needs for his land, a rapid soil testing kit was procured in April. During the year two hundred samples were tested. Of these seventy-four percent. showed phosphorous deficiency in varying stages while sixty-nine percent. lacked an adequate supply of potassium.

Soil Testing, April 1937 to March 31st, 1938

Total number of samples tested		200
Samples having low phosphorous content	115	
Samples having medium phosphorous content	32	
Samples having high phosphorous content	53	
	200	
Samples having low potash content	115	
Samples having medium potash content	23	
Samples having high potash content	62	
	200	

The above included all samples tested up to and including March 31st.

CORN

The farmers in the South Western Peninsula have been trying to find a type of corn that will yield more than the low varieties generally used in this section of the country.

With this point in view some forty lots of hybrids corn were secured from commercial firms and plant breeding stations in Canada and the United States and tested in comparison with the representative Canadian varieties.

The following proved to be the ten leading varieties. Only those suitable from a maturity standpoint are considered. The results are for one year only and cannot be considered conclusive.

For comparison, the types grown locally are also listed.

Variety	Source	Dry Shelled Corn per acre	Shelling Percent.
Excelsior	Vaughan Seed So. Welland	124.72	79
Hybrid F.F.	Northrup King, Minneapolis, Minn.	124.72	85
Hybrid L.	Northrup King, Minneapolis, Minn.	123.17	84
(R3 x A 48) x (23x26)	Univ. of Wisconsin, Madison, Wisc.	120.06	86
West Branch Sweepstakes	Joe Harris, Coldwater, N.Y.	119.02	81
Minn. No. 301	Minn. Exp. Sta., St .Paul, Minn.	115.13	86
Hybrid L. 4	Northrup King, Minneapolis, Minn.	113.57	85
(R3 x Hy) x (26x23)	Univ. of Wisconsin, Madison, Wisc.	111.76	86
(M13 x 25) x (3x R3)	Univ. of Wisconsin, Madison, Wisc.	107.09	87
(3 x 26) x R 3	Univ. of Wisconsin, Madison, Wisc.	107.09	88
Leaning	Wm. Rennie Co. Toronto	120.06	85
Golden Glow	Albert Smith, So. Woodslee	116.69	88
Wisconsin No. 7	B. R. Cohoe, So. Woodslee	115.91	85
White Cap Yellow Dent	B. R. Cohoe, So. Woodslee	113.57	89
Barley	D. Bondy, Arner	113.57	85
Golden Glow	Alex. Stewart, Ailsa Craig	107.09	84
Compton's Early	Wm. Munch, Essex	98.02	81
Salzer's North Dakota	A. S. Maynard & Son, Chatham	86.61	87
Longfellow	A. S. Maynard & Son, Chatham	79.35	84

Variety Test—YELLOW EYE BEANS 1937

Variety	Yield per acre
Todd	23.33 bus.
Tice	21.6 bus.
Newman	20.0 bus.
Scott	16.6 bus.
Higbee	16.6 bus.
Hayes	15.0 bus.
Black	15.0 bus.
Catlin	15.0 bus.

Variety Test—WHITE BEANS 1937

E. F. R.	33.3 bus.
Maynard	32.5 bus.
Honoeye	30.8 bus.
Genesee	30.8 bus.
Down	30.0 bus.
Ithaca (D.R.S.)	30.0 bus.
Wisconsin (D.R.S.)	28.3 bus.
Michigan (D.R.S.)	27.5 bus.
Robust	27.5 bus.
Zavitz	27.5 bus.
Alberta Robust	26.6 bus.
Steen	25.8 bus.
Geneva, No. 9	23.3 bus.

The following is a report of Professor D. R. Sands, of the Botany Department, Ontario Agricultural College, Guelph, of the work done in Southwestern Ontario in 1937.

"Most of the experiments were carried on at the Ridgetown Experimental Farm and in co-operation with the staff there. The crops included were celery, potatoes and beans.

CELERY

The work in celery was carried on for the purpose of comparing dust and spray as a means of controlling early and late blight.

The seed (Paris Golden) was sown in the greenhouse and the plants set out in the field about the last of June. Two sprayings using Bordeaux (3-4-40) were given the plants before they were set out in the field. After being set out in the field, spraying and dusting were done on the following dates:

July 8th	sprayed and dusted
July 16th	sprayed and dusted
July 29th	sprayed and dusted
Aug. 10th	sprayed and dusted
Aug. 16th	sprayed and dusted
Aug. 24th	sprayed and dusted
Sept. 3rd	sprayed and dusted

One plot was dusted with Copodust, one plot sprayed with Bordeaux mixture (4-5-40), one plot sprayed with Copper Hydro 40, and one plot left as a check.

Late blight developed very badly in the check plot, also a fair amount in the plot sprayed with Copper Hydro 40, a small infection in the plots sprayed with Bordeaux mixture or dusted with Copodust.

When the celery plants were dug, a comparison of the results was made by trimming a dozen plants in each plot and then weighing them.

Dust—(one dozen plants)	15 lbs. 4 ozs.
Bordeaux Spray—(one dozen plants)	12 lbs. 12 ozs.
Copper Hydro (40—(one dozen plants))	9 lbs. 2 ozs.
Check	4 lbs. 4 ozs.

Although the dusted plants weighed a little more than those sprayed with Bordeaux, the "stalks" showed a little more infection, and were not quite as clean and free of blight as the sprayed plants.

POTATOES

Four plots were planted with Dooley potatoes on June 19th. One plot for dusting, one for spraying with Bordeaux mixture, one for spraying with Copper Hydro 40 and one for a check. When the plants were about 10 to 12 inches high, spraying and dusting was started. (80 to 100 gals. of spray per acre and 25 to 45 lbs. of dust per acre)

July 19th—Dusted with Copotex.
Sprayed with Bordeaux and Copper Hydro 40 using a poison (Calcium arsenate).
Sprayed check plot with poison only.

July 29th—Dusted and sprayed the same as above.

Aug. 10th—Dusted with Copodust.
Sprayed with Bordeaux and Copper Hydro 40—no poison.
Check plot omitted.

Aug. 16th—Dusted and sprayed the same as on Aug. 10th.

When the potatoes were dug the marketable and small potatoes of each plot were weighed and the amount per acre estimated.

	Marketable	Small
Dust	243 bus.	22 bus.
Bordeaux spray	261 bus.	23 bus.
Copper Hydro 40	236 bus.	21 bus.
Check	166 bus.	33 bus.

BEANS

Three strains of Robust beans that had been grown for a number of years were again planted. The seed was from the 1936 crop, which had been rogued for mosaic and hand picked for anthracnose. The three strains of beans that were used had been obtained originally from Ithaca, Michigan and Wisconsin.

The beans were sown on June 5th—10 rows each about 60 rods long were checked for mosaic in each of the three strains. The first inspection was made on July 19th and the second on July 29th and plants showing signs of mosaic were removed.

Wisconsin plot	5 plants—slight mosaic
Ithaca plot	2 plants—slight mosaic
Michigan plot	0 plants—

Just at the time of pulling (Sept. 8th) the plots were checked for anthracnose and the percentage of pods affected were as follows:—

Wisconsin	1.25% of pods slightly affected
Ithaca	less than 1%
Michigan	less than 1%

A number of vegetable and fruit growers in Kent and Essex were visited during the summer months and plant disease problems were discussed at this time.

SWINE

For the past number of years, the main work in the Swine division has been to develop a strain of Yorkshire pigs suitable to Southwestern Ontario. This work is of such importance that it should be continued. There is a place in Southwestern Ontario for the Yorkshire pigs that will stand outside of weather conditions and considerably heavy corn feeding.

The swine here came through the winter in excellent shape. There are at present thirteen sows in the herd. With the exception of two imported sows, all the other females in the herd were raised on the Experimental Farm. Several of them are raising first litters now and these litters are among the best that are being raised this Spring. There are four boars, all of different breeding, on the farm at the present time. Two of them, however, have outlived their usefulness so will probably be disposed of very shortly.

A young boar with three generations of qualified dams has been added to the herd during the past winter.

There has been a good demand for young sows during the winter months. Several have been sold and these are being kept for breeding purposes on the farm. It looks at the present time as if a slight change should be made in the method of disposing of breeding swine and, consequently, are recommending the holding of an annual sale in order to distribute this breeding stock throughout this district.

During the winter months of 1936-37, forty-six young pigs were placed on a test to determine the feasibility of raising bacon hogs on ear corn plus a protein supplement. These pigs were placed on this, weighing from 80 to 120 lbs. and were divided into eight pens. Only ear corn was fed and the protein supplement was placed in hoppers so that it was before the pig all the time.

Summary of Experiment

Initial weight, per pig	97 lbs.
Finished weight, per pig	199 lbs.
Grain, per lb. gain	3.91 lbs.
Concentrate per lb. gain	.48 lbs.

66% of these pigs graded selects and only one pig of the 34% graded lower than B 1.

The quality of fleshing in every case was excellent—so bacon hogs may be fed ear corn provided protein supplement is supplied. A feasible way seems to be the hopper method.

A similar experiment is being carried out this year but is not sufficiently advanced at present to be reported.

Advanced Registry work is being continued. The pigs are being fed under the regular conditions here at the Farm so that if they qualify there is a better chance of the pig doing well on a ration such as they are fed in Southwestern Ontario. At the present time, we have four qualified sows and have five under test and will probably add a few more if the Spring litters come along satisfactorily.

Pigs under the Record Performance Test during the winter months were about a week or ten days too late in regard to maturity. This was, no doubt, due to the unsatisfactory weather conditions as it was very changeable and the pigs went back considerably during the bad weather.

POULTRY

The Poultry flock has been maintained along the lines which have been followed for a number of years. Trapnesting and rigid selections have been carried on to make this flock a suitable one for the farmers of the district to secure foundation stock of young cockerels and eggs for hatching. Hatching eggs were in good demand during the month of March and there was a fair demand for young cockerels earlier in the season.

The service is maintained for the diagnosing of health trouble and a steadily increasing number of farmers are making use of this service.

HORTICULTURE

The services of this department have been, as during the past, principally along three lines,—

(1) Extension work which has encouraged the development of home ground beautification and the planting of more fruits and vegetables. Information was given to the farmers to aid in the control of insects and plant diseases. Through soil testing, growers formerly unable to produce normal crops of vegetables and fruits have been materially assisted.

(2) Demonstration at the Experimental Farm of the culture of fruits and ornamental plants. Visitors appreciate seeing this material and make numerous inquiries and notes.

(3) Practical work by the students of the Vocational Agricultural Schools and those of the new School of Agriculture. Some seventy-five students participated in this work and learned by doing the propagation of vegetables, flowers and fruits, and the standard methods of pruning shrubs, roses, small fruits and tree fruits.

SCHOOL OF AGRICULTURE

The Agricultural School has just graduated its first class during the year.

The Judging Pavilion and Field Husband Laboratory have been finished and proved to be a considerable improvement in the school's equipment.

The work during the year was only fairly satisfactory and it would seem desirable to make some changes in the Organization for the coming year. The teaching continues to be done largely by the staff of the Vocational Agricultural School situated in Ridgetown. Three extra teachers were engaged and these, with the four men teachers of the Vocational Agricultural School and the Director of the Experimental Farm, comprise the teaching staff.

The courses seem to be fairly satisfactory but with the two classes, the first and second year of the Agricultural School, there seems to be a little too much conflict with the regular courses of the High and Vocational School. These boys are older and a different type of student and it would seem desirable that they be separated more completely from the regular High School and Vocational School students.

The following is a list of the students attending during the year,—

First Year Students

1. Harold Abray—Ridgetown, Ont., Box 127, Kent County.
2. Fred Anderson—Ridgetown, Ont., R. R. No. 2, Kent County.
3. Richard Anions—Ridgetown, Ont., R.R. No. 3, Kent County.
4. Robert Barrett—Blenheim, Ont., R.R. No 3, Kent County.
5. Elmer Benedict—Port Lambton, Ont., R.R. No. 2, Kent County.
6. Ralph Brien—Ridgetown, Ont., R.R. No. 1, Kent County.
7. Harold Carroll—Crinan, Ont., R.R. No. 1, Elgin County.
8. Kenneth Elgie—Dresden, Ont., R.R. No. 1, Kent County.
9. Russell Farough—Maidstone, Ont., R.R. No. 1 Essex County.
10. Lewis Fox—Ridgetown, Ont., R.R. No. 2, Kent County.
11. Murray Frith—Maidstone, Ont., R.R. No 3, Essex County.
12. Jack Henry—Turnerville, Ont., R.R. No. 2, Kent County.
13. Deward Lee—Rodney, Ont., R.R. No. 1 ,Elgin County.
14. Warren McIntyre—Ridgetown, R.R. No. 2, Kent County.
15. Arnold Metcalfe—Wheatley, Ont., R.R. No. 2, Kent County.
16. Andrew Neith, Rodney, Ont., R.R. No. 4, Kent County.
17. Austin Oliver, Ida, Ont., R.R. No. 2, Durham County.
18. Chas. Snobelen, Blenheim, Ont., R.R. No. 3, Kent County.
19. Walter Spence, Northwood, Ont., R.R. No. 2, Kent County.
20. Murray Stirling, Mortpeth, Ont., R.R. No. 1, Kent County.
21. Pliney Stonefish, Bothwell, Ont., R.R. No. 3, Kent County.
22. Francis Sylvestre, St. Joachim, Ont., Essex County.
23. Jos. Zimmer, Thamesville, Ont., R.R. No. 4, Kent County.
24. Eugene Towsley, Ridgetown, Ont., R.R. No. 2, Kent County.
25. Edison Dick, Thamesville, Ont., R.R. No. 4, Kent County.

Second Year Students

1. Richard Allin, Blenheim, Ont., R.R. No. 1, Kent County.
2. Morley Cameron, Thamesville, Ont., R.R. No. 6, Kent County.
3. Lloyd Clark, Northwood, Ont., R.R. No. 2. Kent County.
4. Gerald Herbert, Thamesville, Ont., R.R. No. 2, Kent County.
5. Jack Leatherdale, Ridgetown, Ont., R.R. No. 2, Kent County.
6. Max McDiarmid, Ridgetown, Ont., Box 133, Kent County.
7. Max McGuigan, Blenheim, Ont., R.R. No. 3, Kent County.
8. Earl Laurie, Northwood, Ont., R.R. No. 2, Kent County.
9. Bill Metler, St. Thomas, Ont., R.R. No. 5, Elgin County.
10. Gordon Purdy, Rodney, Ont., R.R. No. 1, Elgin County.
11. Jos. Rhody, Ridgetown, Ont., Box 168, Kent County.
12. Mac Simmers, Kingsville, Ont., R.R. No. 1, Essex County.
13. Ralph Stewart, Thamesville, Ont., R.R. No. 6, Kent County.
14. William Willson, LaSalette, Ont., R.R. No. 1, Norfolk County.

Scholarships—First Year Students

(1) *English and Chemistry*—Russell Farough, Maidstone ,R.R. No. 1.

(2) *Animal Husbandry, Dairying and Veterinary Science*—Austin Oliver, Stouffville, R.R. No. 4.

(3) *Horticulture, Poultry, Zoology*—Murray Stirling, Morpeth, Ont., R.R. No. 1.

(4) *Field Husbandry, Botany, Bacteriology and Bees*—Jack Henry, Turnerville, Ont., R.R. No. 2.

(5) *Mechanics, Physics*—Warren McIntyre, Ridgetown, Ont., R.R. No. 2.

(6)) *Agricultural Economics, Civics and Mathematics*—Tied—Kenneth Elgie, Dresden, Ont., R.R. No. 1 ,Harold Carroll, Crinan, Ont., R.R. No. 1.

Scholarships—Second Year Students

(1) *Academic Work*—Highest standing—Bill Metler, St. Thomas, Ont., R.R. No. 5.

(2) *Academic work*—2nd highest standing—Mac Simmers, Kingsville, Ont.

STATISTICS AND PUBLICATIONS BRANCH

The gross value of agricultural production in Ontario for the year 1937 amounted to $357,201,000 as compared with $360,329,000 in 1936. Although this was a falling off of $3,128,000 from 1936, nevertheless, it was $109,517,000 higher than in 1932. Gains of $4,153,000 in the value of production of farm animals, $7,116,000 in dairy products, and $7,451,000 in tobacco, were more than offset by decreases of $15,083,000 in field crops, $4,180,000 in fruits and vegetables, and smaller declines in several other items. Agricultural production for the whole of Canada was also down in 1937, amounting to $1,051,698,000 as compared with $1,079,571,-000 in 1936. The decline in 1937 for both Canada and Ontario, although only slight, marked a reversal in the upward trend from 1932 to 1936.

Gross Value of Agricultural Production in Ontario, by Items, 1929 to 1937
("000" omitted)

	1929	1930	1931	1932	1933	1934	1935	1936	1937
	$	$	$	$	$	$	$	$	$
Field Crops	241,778	179,919	124,541	116,424	135,813	143,734	132,086	166,284	150,367
Farm Animals	76,022	60,738	33,175	21,957	31,500	34,089	43,344	46,732	50,885
Wool	1,323	632	458	287	553	479	575	735	821
Dairy Products	115,757	104,859	92,276	69,079	74,117	80,018	85,132	92,516	99,632
Fruits, Vegetables	19,208	16,820	14,412	12,733	12,553	16,608	18,697	17,832	13,652
Poultry & Eggs..	44,773	41,461	29,491	18,565	16,294	19,464	20,915	22,939	21,659
Fur Farming	777	817	750	644	721	704	966	1,131	1,323
Maple Products ..	1,258	1,576	1,674	888	720	1,040	1,161	1,161	880
Tobacco	5,039	6,244	6,814	5,703	6.206	6,337	10,117	8,549	16,000
Flax Fibre	393	371	179	170	61	150	161	155	133
Clover, Grass seed	1,672	1,855	1,110	615	1,079	857	1,006	1,367	1,173
Honey	1,208	870	744	619	1,097	1,253	1,096	928	676
TOTALS	509,208	416,162	305,624	247,684	280,814	304,733	315,256	360,329	357,201

In response to public demand, the work of the Statistics and Publications Branch was again expanded during the last fiscal year. At the present time more than 9,000 schedules covering different branches of agricultural production are sent out each month to farmers, dairies, cheese factories, hatcheries, poultry farms, co-operative organization, etc., for completion and return to this Branch. In addition a census of farms is taken twice each year in June and December, with the assistance of the rural schools and approximately 60,000 Survey Cards are returned. The information compiled from these various sources is published in the following reports which are distributed, free of charge, to persons requesting same.

The Annual Statistics Report which shows by county division the acreage, production and value of field crops; the number and value of live stock on farms; a record of the number and amount of Chattel Mortgages outstanding; detailed weather information; and a valuable summary of field crop and live stock statistics for the Province since 1882.

The Monthly Crop Report which contains current information relating to field crops and live stock, including such items as acreage, condition, production, prices, and trade.

The Monthly Dairy Report contains statistics of total commercial sales of whole milk by distributors in the Province of Ontario by sales areas, production of butter and cheese by county, and other information relating to prices, stocks, and trade in dairy products. Both the Monthly Crop Report and the Monthly Dairy Report are well illustrated with charts.

The Fruit and Vegetable Crop Report which is issued monthly from May to October covers the development of fruits and vegetables.

A Cold Storage Report is issued on the first business day of each month showing the quantities of butter, cheese, and eggs, in cold storage in Toronto at the commencement of business on that day.

The Annual Reports of the various Departments printed for distribution during the year were as follows:

	No. of Copies Printed
The Report of the Minister of Agriculture	1,500
Agricultural and Experimental Union	2,500
Agricultural Societies	5,000
Entomological Society	1,500
Horticultural Societies	5,000
Ontario Agricultural College and Experimental Farm	2,000
Ontario Vegetable Growers' Association	2,000
Ontario Veterinary College	1,500
Stallion Enrolment Board	2,500
Statistics Branch	6,000
Bound Volumes of the Reports of the Department of Agriculture	300

During the year the following agricultural bulletins were printed for distribution:

Serial Number	Title	No. of Copies Printed
304	Infectious Abortion of Cattle	5,000
327	Knots and Splices; the Use of Rope on the Farm	10,000
349	Grain Smuts	10,000
384	Bee Diseases	5,000
385	Cheese Mites and Their Control	2,500
386	Diseases of Vegetables	10,000
387	Swine Feeding and Swine Diseases	15,000
388	Vegetable Gardening	15,000
389	The "V" Peaches	2,000
390	Successful Potato Production in Ontario	10,000
391	The Grape in Ontario	5,000
392	Pruning the Tree Fruits	10,000
393	Insects Attacking Vegetables	25,000
394	Diseases of Poultry	25,000
Cir. 57	Navel-Ill in Foals	20,000
	Fertilizer Recommendations for 1938	10,000
	Horticultural Societies' Act	5,000
	Seed Grain Subsidy Act	500

Farmers desiring literature on farming may secure a list of the available free bulletins by addressing an enquiry to the Director, Statistics and Publications Branch.

AGRICULTURAL AND HORTICULTURAL SOCIETIES BRANCH

AGRICULTURAL SOCIETIES

Fall Fairs

The 1937 fall fair season for several reasons was the most unsatisfactory in recent years. Weather was bad, as indicated by payment of wet weather grants. In 1936 grants were paid only to 35 Societies, which increased to 57 Societies in 1937. Fortunately the appropriation available was increased by 50% to $9,000 and this made possible the payment of 52% of the gate receipt losses of unfortunate Societies. If the appropriation available had been the same as in 1936, less than 35% could have been paid.

Scarcity of labour and other conditions, affecting harvest, in many parts of the Province, had an affect on entries and attendance, but by far the most detrimental factor was the health situation, in practically all districts. Fairs were cancelled by 26 Societies, but almost all, large and small, suffered severe gate receipt losses, owing to the prevalence and fear of infantile paralysis.

The drastic reduction in attendance, owing to the absence of children, indicates the importance of young people to these organizations, even in the matter of gate receipts. This may warrant more attention to educational features, and attractions for children.

The following table, based on the reports of 275 Societies, shows the extent of decreases in gate receipts and exhibits, as compared with 1936.

Gate Receipts		Exhibitors		Prizes	
No. Societies Reporting		No. Societies Reporting		No. Societies Reporting	
Decrease	Increase	Decrease	Increase	Paid in Full	Percent. only
175	71	170	67	194	51

Other Projects

There was a satisfactory increase in field crop competitions from 82 in 1936 to 98 in 1937. When it is realized that for most crops, registered or certified seed was required, this steady growth is very gratifying.

Several entries for competition were received from Secretaries, and later cancelled, with the report that the registered seed regulation had been responsible. In practically all such cases the purchase of seed had not been organized by the Society, but members were left to secure their own supplies; on the other hand, where the Secretary or the Field Crop Committee offered as a service to purchase seed, competitors bought same and successful competitions were conducted.

The Stratford Society had the greatest number of competitors, with 38 entries in Oats and 33 in Corn, but Renfrew reported the largest number of competitors completing the contest, with 35 in Oats and 25 in Wheat. The judges reported very favourably on these contests.

The Mosa and Ekfrid (Glencoe) Society in West Middlesex, distributed 350 bushels of registered Winter Wheat in the fall, which should do much to improve this crop in the area and reflect credit on the Society for many years.

In Simcoe County they have a habit of undertaking crop improvement co-operatively, and on a County-wide basis. This plan worked so well with Potatoes, that last fall 8 Agricultural Societies secured seed and started field crop competitions with Winter Wheat. Organized effort of this kind is to be commended.

Illustrating how Societies may serve to promote crops and other industries, which are specialties of the District, two field crop competitions in Tomatoes are reported, conducted by the Cramahe-Haldimand (Colborne) and Sophiasburg Societies. These contests were successful and if carried on for a number of years, will do much to improve production methods of this important crop.

Seed Fairs

The importance of seed fairs, held by Agricultural Societies, at a time of year when farmers are looking for supplies, cannot be over-emphasized. Twenty-nine Societies received grants in 1937 compared with twenty-two in 1936. The plan of several Societies co-operating in the holding of County Seed Fairs and Crop Institutes is commendable. Such fairs were held in the Counties of Bruce, Halton, Oxford, Parry Sound, Prescott, Renfrew and York. In York County six Societies co-operated, while in Oxford every Society in the County (seven) participated in this event, which was particularly practical and successful.

Agricultural Society classes for grain and seed, were again provided by larger fairs, with entries as indicated:—

	1936	1937
South Western Corn and Seed Exhibition, Chatham	6 Soc.	7 Soc.
Canadian National Exhibition, Toronto—grain	13 Soc.	13 Soc.
—sheaves	8 Soc.	6 Soc.
Ottawa Winter Fair, Ottawa	9 Soc.	6 Soc.
Guelph Winter Fair, Guelph	14 Soc.	10 Soc.

Spring Stock Fairs

The following Societies conducted fairs in spring and early summer, and did not hold fall exhibitions—Fenelon; Toronto Gore (Claireville); South Huron (Hensall); Richmond Hill; Aurora and Kemptville. This type of show may be illustrated by a report on the Toronto Gore fair held at Clareville. While classes for other kinds of stock were not heavy, there was an excellent horse show and although the Society has practically no accommodation except an open field, horse classes were well filled, with top quality animals, and judging from the number of spectators, interest was much more keen than is often the case at major exhibitions.

Societies conducting spring stock shows, in addition to fall fairs, were limited to—Arthur, Erin (Hillsburg), Forest and Seaforth.

Maintenance of Pure Bred Sires

Grants were paid to 14 Societies for the maintenance of pure bred sires, as compared with 12 Societies in 1936. There was in increase in the number of animals maintained, the total being 119, as classified.

Stallions	4
Bulls	76
Boars	26
Rams	13
	119

Junior Clubs

In 1937 boys and girls clubs were sponsored by Agricultural Societies as follows:—

Calf Clubs	47
Foal Clubs	43
Grain Clubs	16
Potato Clubs	6
Swine Clubs	4
	116

The success of several Societies was outstanding, not only in respect to the number of clubs and members, but in the quality of leadership given.

Ontario Association of Agricultural Societies

This organization held a successful convention in Toronto in February which was attended by more delegates than in any recent year. Owing to an increased interest in a wider variety of subjects, and encouraged by the experience of the previous year, provision was made for 7 discussion groups. This plan was successful and favourably commented upon by many delegates.

It was agreed that a determined effort should be made to eliminate certain unethical practices and to encourage more local competitions confined to bona-fide producers of live stock, farm produce and hall exhibits. Appreciation was expressed for the work done the previous year on classification of horses and it was suggested steps should be taken to provide a skeleton classification for all fair departments which might be adapted to suit local conditions.

Very successful district meetings, sponsored by the Ontario Association of Agricultural Societies were held as follows:—

District No. 1	Ottawa	District No. 8	London
District No. 2	Perth	District No. 9	Leamington
District No. 3	Belleville	District No. 10	(Mount Forest (Desboro
District No. 4	Lindsay	District No. 11	Huntsville
District No. 5	(Barrie (Brampton	District No. 12	(Verner (Pine Point (Massey (Manitoulin (Mindemoya) (Fort William
District No. 6	Welland		
District No. 7	(Guelph (Paris		

A special feature of these local meetings was a marked increase, in the number of women attending and the separate meetings arranged for them.

As a result of previous discussion and an agreement that the Ontario Association and Societies should take some action to recognize unselfish service being rendered to agriculture, a start was made in 1937 by the awarding of Coronation Ribbons.

A distinctive rosette was provided by the Ontario Association and awarded by each Agricultural Society for a specialty in the area, or outstanding agricultural service. The Howard Society at Ridgetown, appointed a committee to visit an aged lady who had exhibited at fairs of this Society for a longer period than any other. The Colchester South Society at Harrow, with a suitable ceremony, presented the rosette to Arthur T. Munger, a past-president of this Society, who had been a member for the longest period, and had rendered distinctive service to agriculture in the community.

At the annual convention, it was decided to adopt a definite policy of making such awards, and the Ontario Association agreed to provide agricultural service diplomas to be awarded by Societies.

Federal Assistance

The following Societies received substantial financial assistance from the Department of Agriculture, Ottawa:—

"A" Class Fairs

Canadian National Exhibition, Toronto
Central Canada Exhibition, Ottawa
Western Fair, London
Peterboro Industrial Ex., Peterboro

"B" Class Fairs

Carleton County Soc., (Richmond)
Leamington District Society
Kingston Industrial Society
Belleville Society
Norfolk County Soc. (Simcoe)
Woodstock Society
Peel County Soc., (Brampton)
Stratford Society
Renfrew Society
Barrie Society
Canadian Lakehead Ex. (Fort William)
South Victoria Soc., (Lindsay)
South Waterloo Soc., (Galt)

HORTICULTURAL SOCIETIES

Grants were paid to 243 Societies in 1937, including 5 new ones, organized at Hearst; Southwold Tp.; Lobo Tp.; North Roxborough and Swansea. Dormant Societies numbered 15 and 9 were classed as uncertain. Four Societies dormant in 1936 were reorganized, namely,—Lambeth, Haileybury, Streetsville and Smithville.

Societies reports indicate increased interest and expenditure on public beautification. The Ontario Horticultural Association encouraged Societies to feature tree planting in Coronation year. It is interesting to note that 156 Societies had a tree planting programme. The St. Thomas Society distributed 12,000 trees for the reforestation of hillsides and other marginal or semi-marginal land. The Society at Timmins was responsible for the planting of over 2,000 trees throughout the city. The Haileybury organization planted over 200 trees on streets and 30 schools have spent in 2 years about $700 in public planting of different kinds.

The Preston Society, which has rendered nearly 100 years of service, planted 1,000 trees. North York was responsible for the planting of over 3,000 trees in 4 years. Several Societies such as, Fonthill, established nurseries to produce trees for future planting. Victoria Harbour planted about 5,000 trees in 1937. In several Counties such as Elgin, Middlesex, Norfolk and Oxford, there were County-wide programmes to encourage the planting of trees in school grounds and home properties. In Simcoe County, boy scouts planted 70,000 Pine trees on an 82 acre plot in Essa Township, near Thornton.

Royal Oak acorns and seedlings, imported from Windsor Park, England, were planted by Horticultural Societies in all parts of the Province.

For a number of years juvenile work has received special consideration and it is interesting to note that 120 Societies made provision in 1937 to encourage juniors by Garden Competitions, Junior Shows, Essay Contests and other plans as adapted to local conditions.

Ontario Horticultural Association

The Ontario Horticultural Association gave aggressive leadership to member Societies. A large convention was held in Toronto in February, attended by delegates from the majority of member Societies.

In co-operation with the Canadian Broadcasting Corporation, a series of garden talks was initiated on April 27th, and with one talk a week, continued until September 21st. An attractive educational display was arranged in the Horticultural Buildings at the Canadian National Exhibition.

For some time the Ontario Association has recognized each year a few outstanding horticulturists and organizations promoting beautification. In 1937 the following awards were made:—

To the Tara Horticultural Society the Diploma of Merit, for achievement in public beautification.

William Miles, Ingersoll, was awarded a Diploma and Silver Medal for outstanding achievement in hybridization.

John F. Clark, Department of Agriculture, Toronto, was awarded the Diploma of Merit and Gold Medal for practical assistance and inspiration to officers and members of Horticultural Societies and to lovers of beauty in all parts of Ontario.

Miss Isabella Preston, Central Experimental Farm, Ottawa, was awarded the "Carter Medal" for her outstanding contributions to Horticulture, particularly by the origination of ornamental plants.

The Association organized and assisted in financing 10 district meetings, some of which were particularly well attended. District No. 5 meeting, held at the Ontario Agricultural College, Guelph, July 14th, afforded an opportunity for over 500 horticulturists to inspect the College gardens and discuss plans and problems.

Special meetings of Society officers proved so successful in an experimental way in 1936, that 10 meetings were held in 1937. These gatherings afforded an excellent opportunity for Society leaders to interchange ideas and co-operatively tackle some of the more pressing problems common to most Societies.

For the first time Juvenile Flower Judging Competitions were conducted. Challenge cups and miniatures were offered for teams of three young people between the ages of 14 and 18 representing Horticultural Societies. A successful competition was held at Guelph on June 30th with seven teams entered. Unfortunately owing to health conditions contests at Hamilton and London were not so successful. Plans have been made to extend this work in 1938.

Interest in horticultural beautification is increasing as evidenced by large numbers of requests by mail for information on landscaping, and the growing of flowers and other horticultural material, also for speakers on horticultural subjects.

General satisfaction has been expressed on the adoption of the White Trillium (Trillium grandiflorum) as the Provincial Floral Emblem, established by a special Act of the Ontario Legislature at the 1937 session. Publicity given this action added momentum to a general movement by Horticultural Societies, schools and other agencies for the greater protection of wild flowers.

ONTARIO VEGETABLE GROWERS' ASSOCIATION

The acreage planted in vegetables in 1937 was increased by about 5% over the previous year. With a few exceptions, yields were satisfactory and products of good quality. Early tomatoes in Essex County were affected by a disease which caused shipping difficulties. Downy mildew and blight of onions caused severe losses and were largely responsible for a decreased crop and high winter prices. Where spraying was neglected, celery blight caused much loss and there was also some damage to this crop from root rot. Early potatoes provided a fairly profitable crop in 1937.

Tomatoes and cucumbers produced under glass, yielded on the average a larger crop than in 1936, and short season vegetables, such as radish, lettuce, parsley and mint were generally satisfactory.

The Ontario Association and local units received assistance through this Branch as in previous years. There was keen demand for the services of the fieldman provided by the Department. As in previous recent years, marketing continued to cause the most serious problems facing all organizations of vegetable producers.

In co-operation with the Ontario Vegetable Growers' Association, Field Crop Competitions were conducted with entries as listed:—

	District 1	District 2	District 3	Total
Cabbage	8	10	14	32
Celery	6	—	12	18
Lettuce	—	7	6	13
Melons	5	7	—	12
Onions	8	8	6	22
Tomatoes	10	11	12	33
Potatoes	7	11	6	24
Gardens (including Buildings, etc.)	5	6	8	19
	49	60	64	173

The competition at the Canadian National Exhibition for exhibits by Branches of the Ontario Vegetable Growers' Association, resulted in 9 entries with prizes awarded as follows:—

1st—London
2nd—Toronto
3rd—Brantford
4th—Scarboro
5th—Credit Valley
6th—Peterboro
7th—St. Catharines
8th—Kingston
9th—Chatham

At the Royal Winter Fair a satisfactory change was made in the staging of vegetable exhibits and an excellent display was arranged in the East Annex. The Ontario Association Challenge Trophy was won for the 9th time by Brown Bros., of Humber Bay.

Convention

The annual meeting and convention of the Ontario Vegetable Growers' Association held in January, were particularly well attended, an evidence of the interest growers are taking in their industry and a desire to improve conditions by their own organized efforts.

ONTARIO PLOWMEN'S ASSOCIATION

In spite of trying economic and other conditions affecting agricultural organizations, it has been possible for this Association to report steady progress year by year for over a quarter of a century.

A new Branch was organized at Ancaster in Wentworth County. The Cavan and South Monaghan Branch was reorganized and enlarged under the new name Durham County.

There are now 82 branches of the Association, 80 of which conducted plowing matches in 1937. Owing to unfavourable local conditions, matches planned by the Noelville and Parry Sound South-East Branches were cancelled.

Departmental judges were supplied for 73 senior matches, 12 home plowing competitions and 11 junior matches and also the International Plowing Match. Departmental demonstrators were provided for 22 organized demonstrations. For the first time one of the latter was arranged for students of the Kemptville Agricultural School.

Upon request, a school was organized for plowing judges in co-operation with the Central Experimental Farm staff and held at Ottawa on August 6th. This service was appreciated particularly by younger prospective plowing judges in Eastern Ontario.

Annual Meeting.

Additional evidence of increased interest in good plowing and other methods of cultivation was provided by the attendance at the annual meeting, held in Toronto in February, which was the largest in the history of the Association.

International Plowing Match

In spite of most unfavourable weather conditions all previous records were broken by the 1937 match held at Fergus in October. A total of 591 entries was made and on Thursday, October 11th, the largest number of spectators ever congregated at a plowing match swarmed the competition fields. On Wednesday 137 teams and 67 tractors were in action, making a total of 204 entries for one day.

The Inter-County class provided a very impressive spectacle with 60 young men competing, each a winner in an elimination contest in his home County. The highest position was won by the team from Waterloo County, including the following team members:

Perry Eby, Breslau, R.R. 1
Arnold Rife, Galt, R.R. 2
Wm. Gemmell, Ayr, R.R. 2

It is interesting to note that these boys ranked 1, 2 and 3 in the order named as individuals in the competition.

The Haldimand team composed of the following, proved worthy contenders and stood second—

Howard Fess, Selkirk, R.R. 2
Donald Ross, Port Dover, R.R. 2
Rhys Bacher, Cayuga, R.R. 3

The championship in the horse drawn plow classes, was won by John R. Hargreaves, Beachville; and Fred Timbers, Stouffville ,won a similar honour in tractor classes. S. Thomson, Stouffville, won the high cut class.

With 65 companies represented, the exhibits of farm and home machinery, occupied over 3,000 feet of street frontage and provided an extensive display of modern equipment which was inspected each day by thousands of farmers and members of their families.

Educational exhibits provided by the following ,were well patronized—Experimental Farms System; Provincial Department of Health; Ontario

Agricultural College; Ontario Veterinary College; Crops, Weeds and Seeds Branch, Department of Agriculture, Toronto. In addition, educational demonstrations included plow setting, horse shoeing, multiple hitches, grain cleaning, tile drainage and soil testing.

Prizes for a splendid horse show on the final day were provided by the Federal Department of Agriculture, the Ontario Horse Breeders' Association, Senator Frank P. O'Connor, T. A. Crow, Esq., and City Dairy Limited.

The first 5 of 20 prizes were won by—

1st.—R. J. Scott, Cromarty
2nd.—A. E. Taylor, Grand Valley
3rd.—Jas. Duncan & Son, Orton, R.R. 2
4th.—Wm. Brown, Galt
5th.—Torrance Miller, Elora, R.R. 2

Prizes totalling nearly $5,000 were provided by the Dominion Department of Agriculture, Ontario Department of Agriculture, County of Wellington, Town of Fergus, other Municipalities, Branches of the Ontario Plowmen's Association and numerous commercial companies and public spirited citizens.

LIVE STOCK BRANCH

HORSES

Horse breeders in Ontario experienced a very satisfactory season during 1937. Prices were exceptionally good during the early part of the year, but dropped off sharply later in the season. Drought conditions in Western Canada were responsible for the disposal of many horses in that territory. It is estimated that slightly over 40,000 of these horses were shipped into Ontario. This large number dumped on our market at a season of the year when the demand for horses is not great caused a sharp decline in prices.

Exports of horses from Canada to the United States amounted to approximately 10,000 head during the year, while exports to the Old Country for that period were slightly over 400 head. This represents a considerable increase in the movement of horses to the Old Country. The shipments to Great Britain included only high class animals, some of which sold for $500 in London and Glasgow, with the majority bringing from $300 to $400.

During the early part of the year when horse prices were high, tractor sales showed a large increase, but with prices of farm products declining during the later part of the year, and with horse prices at lower levels, tractor sales were greatly decreased.

HORSE SHOWS

The Live Stock Branch has been encouraging the production of good horses by making contributions to spring horse shows. These grants have been on the basis of 50% of the prize money offered, up to a maximum of $200. The fairs have performed a useful service not only in promoting horse breeding but in advertising the good horses of the districts in which the fairs are held. In addition they have brought buyers and sellers together, thus assisting in the distribution of better horses. The following is a list of the shows assisted in 1937, together with the grants paid by the Ontario Live Stock Branch:—

Elora	$102.00
Brantford	200.00
Linwood	200.00
St. Clements	96.50
Clinton	200.00
Perth County	300.00
St. Catharines	200.00
Toronto Horse Show	200.00

STALLION ENROLMENT

During the season of 1937 there were 1506 stallions enrolled, an increase of more than one hundred over 1936. Since 1932 the number has increased by over five hundred. These figures give some idea of the activity in horse breeding inasmuch as there must be a demand for an increased number of stallions, otherwise they would not be maintained. Of the stallions enrolled in the Province in 1937, 155 carried "A" premium certificates, and 165 carried "B" premium certificates. Under the Federal-Provincial premium policy, $11,440. was paid owners of 238 horses on account of their 1936 season.

ONTARIO BOYS' FOAL CLUBS

There has been a remarkable increase in the interest taken in boys' foal clubs throughout the Province ever since the inception of the policy in 1931. In that year twelve clubs, having a membership of 168 boys, were formed, while in 1937 there were 47 clubs with a total membership of 745. These clubs have stimulated interest in the younger generation in the production, care and management of horses.

Achievement days held in connection with Agricultural Societies have created a new feature at the fairs. Due to the infantile paralysis epidemic in the Province during the fall of 1937 some of the achievement days were not as well attended as anticipated.

During 1937 the Ontario Live Stock Branch contributed $616.50 to boys' foal clubs. In addition the Branch contributed $45 for the inter-foal-club competition held at the O.A.C., Guelph, at the completion of the club season.

The showing of foals by club boys constituted one of the largest classes at the Royal Winter Fair. To stimulate this competition the Branch paid out $375 in the horsemanship and colt classes.

The following is a summary of the clubs organized during 1937:—

County	Name	Total Membership	Amount of Grant		Total Grant
			Federal	Prov.	
Brant	Brant County	12	$ 9.00	$ 9.00	$18.00
Bruce	Arran-Tara	11	10.00	10.50	21.00
Bruce	Teeswater	23	24.00	24.00	48.00
Dufferin	Orangeville	13	12.00	12.00	24.00
Durham	Millbrook	29	30.00	30.00	60.00
Elgin	Shedden	11	7.50	7.50	15.00
Elgin	Wallacetown	11	7.50	7.50	15.00
Essex	Essex County	11	6.00	6.00	12.00
Glengarry	Cornwall	12	13.50	13.50	27.00
Grey	Kilsyth	13	12.00	12.00	24.00
Haldimand	Caledonia	12	10.50	10.50	21.00
Halton	Acton	13	15.00	15.00	30.00

Hastings	Stirling	10	4.50	4.50	9.00
Huron	Seaforth	11	6.00	6.00	12.00
Kent	Dresden	28	25.50	25.50	51.00
Kent	Merlin	17	7.50	7.50	15.00
Kent	Ridgetown	11	10.50	10.50	21.00
Lambton	Forest	13	16.50	16.50	33.00
Lambton	Brigden	13	12.00	12.00	24.00
Manitoulin	Ice Lake	16	15.00	15.00	30.00
Middlesex	Glencoe	14	12.00	12.00	24.00
Middlesex	Park Hill	13	4.50	4.50	9.00
Middlesex	Strathroy	27	21.00	21.00	42 00
Middlesex	Melbourne	11	10.50	10.50	21.00
Middlesex	Ilderton	22	18.00	18.00	36.00
Middlesex	Thorndale	13	10.50	10.50	21.00
Muskoka & P.S.	Burk's Falls	14	1.50	1.50	3.00
Norfolk	Norfolk	19	15.00	15.00	30.00
Northumberland	Seymour	19	18.00	18.00	36.00
Ontario	South Ontario	11	7.50	7.50	15.00
Peel	Brampton	20	19.50	19.50	39.00
Perth	Kirkton	12	10.50	10.50	21.00
Perth	St. Mary's	11	10.50	10.50	21.00
Perth	Stratford	27	16.50	16.50	33.00
Peterboro	Lakefield	24	25.50	25.50	51.00
Pr. Edward	Sophiasburg	14	12.00	12.00	24.00
Renfrew	Cobden	18	18.00	18.00	36.00
South Simcoe	Cookstown	15	12.00	12.00	24.00
South Simcoe	Nottawasaga	18	12.00	12.00	24.00
Victoria	Victoria	15	10.50	10.50	21.00
Waterloo	Wellesley N.E.	20	12.00	12.00	24.00
Waterloo	Elmira	14	15.00	15.00	30.00
Wellington	Peel, Maryboro	21	9.00	9.00	18.00
Wellington	Wellington Cty.	12	13.50	13.50	27.00
Wellington	West Wellington	20	19.50	19.50	39.00
Wellington	Erin	14	12.00	12.00	24.00
York	Markham	17	15.00	15.00	30 00
	Totals	745	$616.50	$616.50	$1233.00

Total Clubs—47.

PROVINCIAL INTER-FOAL-CLUB COMPETITION

The Ontario and Dominion Live Stock Branches each provided one-half of the following prizes for the Inter-Foal Competition:—

1st	$12.00	6th	$7.00	11th	$4.00
2nd	11.00	7th	6.00	12th	4.00
3rd	10.00	8th	5.00	13th	2.00
4th	9.00	9th	4.00	14th	2.00
5th	8.00	10th	4.00	15th	2.00

The two high boys of each club in the Province are privileged to participate in this competition. The winning pair of boys in 1937 represented the Ilderton Club in Middlesex County.

CATTLE

The Canada and United States trade agreement, effective January 1st, 1936, proved very beneficial to Canadian cattle producers during the first eight months of 1937. Cattle prices in Chicago reached the highest point in seven years in August of last year. Canadian prices followed and exports reached the high total for the year of 208,552 head. With recession in business in the United States in the fall months, consumer demand fell off accordingly and cattle prices rapidly declined. Cattle prices on American markets during the fall and early winter months were very depressing. Canadian cattle producers found this market somewhat unprofitable and began to give more consideration to the British market. It was found, however, that trade in that direction had been so restricted in recent years that shipping companies had torn out equipment on their boats, thus leaving shipping space at a premium.

Exports for the first seven weeks of 1938 have fallen off sharply as compared with the same period in 1937. During the latter period over 35,000 head of cattle moved to the United States' markets, while in the first seven weeks of 1938 exports included 5461 head to the United States and 5066 to Great Britain.

Conditions during 1937 had a great influence on the cattle industry in Ontario. Drought in Western Canada forced the sale of many cattle Crops were generally good in Ontario. With cattle prices high during August and September, many Ontario farmers stocked up heavily with feeder cattle. These cattle are still in the stables and at prices considerably in advance of those prevailing on the markets at the present time. Unless business conditions improve in the United States so that prices will be stimulated, or unless boat space is more adequate so that Canada can export more of her cattle to the Old Country, many Ontario farmers stand to lose money from their cattle feeding operations during the winter of 1937-38.

The market for dairy cattle was satisfactory throughout the year. Increased prices of dairy products plus a healthy export demand for dairy cows helped maintain strong prices in the Province. The export market for dairy cattle was enjoyed by pure bred breeders and cattle raisers in restricted areas where animals could be obtained that met the health requirements of the United States.

Auction Sales of Pure Bred Stock

Recognized breeders' clubs have been given assistance in the sale and distribution of high class breeding stock under the terms of the following order-in-council:—"An allowance of $4.00 per head is made for tested cattle, providing all cattle at the sale have successfully passed the tuberculosis test, and that an affidavit is taken by the contributors to the sale that their herds are free from contagious abortion and other infectious and contagious diseases. The maximum grant in such cases is $150. In the sales where the cattle are not all tested for tuberculosis but are free from abortion and other infectious diseases, the grant remains at $3. per head, with a maximum of $100. for any one sale."

Where a sales association has bulls shown, judged, and prizes awarded on the day of the sale, a further grant of $25. is made to the prize list, providing the sales association contributes at least a like amount.

The following assistance was granted in 1937:—

	No. Head	Grant Paid
Western Ontario Consignment Sales Co. Ltd.	21	$ 84.00
National Holstein Sales Association	43	150.00
Waterloo & Wellington Holstein Breeders' Club	60	150.00
*North Grey County Shorthorn Breeders' Club	23	115.00
Middlesex Jersey Club	32	128.00
Ontario Breeders Co-Operative	29	116.00
Victoria County Shorthorn Association	15	60.00
Durham County Shorthorn Association	25	100.00
London District Jersey Breeders' Association	24	96.00
*Belleville District Holstein Breeders' Club	30	145.00
		$1144.00

*Shows held in connection with these sales.

The Ontario Live Stock Branch has assisted several of the associations by having field men inspect and select the offerings. This service has helped materially in keeping up a high standard among the animals offered.

Assistance to Exhibitors at Foreign Exhibitions

A number of Ontario Cattle breeders exhibited at the Chicago International Live Stock Exposition in 1937. The Ontario Live Stock Branch has assisted these exhibitors by defraying 50% of the return freight charges on their shipments. This assistance amounted to $448.07 in 1937. Ontario exhibitors made a very creditable showing at this Fair, winning among other notable prizes the grand championship for Aberdeen-Angus bulls. These winnings have done a great deal to advertise Ontario breeding stock in United States and it is very doubtful if some of the breeders would be able to show at that Fair were it not for the assistance offered by the Branch.

Calf Club Work

Calf club work has been promoted for the purpose of stimulating greater interest in cattle production and cattle improvement among the younger generation. Clubs are organized by the Agricultural Representatives. Officers of the Live Stock Branch assisted in the supervision of the clubs and also in the judging of the calves at the achievement days. During the year, 73 calf clubs received $806. from the Ontario Live Stock Branch. In addition the Branch contributed $87.98 towards the Provincial Inter-Calf-Club Competition.

Special Cattle Shows

The Ontario Live Stock Branch has encouraged herd improvement in cattle through assistance in the form of grants to special cattle shows. These special shows have done much to encourage the small breeder to improve his stock and to display it so that those in his district will be more familiar with the type of stock that he is raising. Grants were given as follows during 1937:—

Brampton Dairy Cattle Show	$100.00
Aylmer Dairy Cattle Show	$100.00
Wallacetown Beef Cattle Show	$100.00
Wentworth County Dairy Cattle Show	$100.00

RESTRICTED AREAS

Considerable educational work with reference to the establishment of restricted areas for the eradication and control of bovine tuberculosis was carried on throughout the past year. Campaigns were instituted in a large number of counties, and officers of the Live Stock Branch assisted with meetings in practically all counties where canvasses were undertaken. In addition to assisting with educational work the Ontario Live Stock Branch contributed $17,443.55 towards transportation of veterinarians engaged in testing cattle under the restricted area plan in the Province. The following is a summary of restricted area work in the Province to date:—

Counties and Districts Tested

	Year	Cattle Tested	Reactors	Per cent of Reactors
Prince Edward County and that part of Northumberland County south of the Murray Canal	1927	24,184	510	2.1
	1928	20,644	97	0.47
	1931	22,001	262	1.2
	1933	23,178	46	0.19
Prescott	1930	37,934	1,599	4.2
	1931	40,847	185	0.45
	1937	4,364	4	Incomplete
Glengarry	1930	36,601	1,555	4.3
	1931	39,414	281	0.7
	1932	38,474	120	0.3
Stormont	1930	34,336	3,583	10.4
	1932	34,003	261	0.77
	1933	32,818	241	0.73
	1937	34,295	130	0.38
Carleton (North Gower & Nepean Tps.)	1934	13,781	416	3.0
	1935	12,662	49	0.4
Carleton (Gloucester & Osgoode Tps.)	1930	24,296	1,250	5.1
	1932	24,720	283	1.1
	1934	24,319	81	0.33
Carleton (Goulbourn & Marlborough)	1935	10,158	286	2.8
Carleton (March Tp.)	1936	3,490	163	4.1
Russell	1930	37,844	3,213	8.5
	1932	35,502	516	1.5
	1933	36,606	172	0.46
Dundas	1930	38,598	8,637	22.4
	1932	38,188	300	0.8
	1933	34,402	240	0.7
Grenville	1931	26,673	1,674	6.2
	1933	24,092	140	0.58
Leeds	1931	52,657	2,024	3.8
	1932	42,030	180	0.43
Frontenac (Pittsburgh Tp.)	1933	10,600	977	9.2
	1935	9,384	163	1.7
	1937	1,301	4	Incomplete
Manitoulin Island	1930	18,132	216	1.2
	1931	19,151	41	0.21
District of Kenora	1934	3,811	79	2.08
	1936	3,805	14	0.38
Halton	1936	23,030	3,185	13.8
	1937	18,353	103	Incomplete
Peel	1936	16,328	3,019	Incomplete
	1937	10,940	121	Incomplete
Northumberland	1936	45,413	1,958	4.3
York	1936	52,258	8,297	15.9
	1937	6,367	76	Incomplete
Ontario	1936	51,561	6,361	12.3
	1937	51,851	6,391	12.3

Durham	1936	38,900	2,843	7.3
District of Timiskaming	1937	19,597	219	1.12
Peterborough	1937	710	33	Incomplete
Thunder Bay	1937	6,354	931	Incomplete

Areas signed up and waiting the test:—

Lanark County
Peterborough County
Victoria County
Grey County
Simcoe County
Rainy River District

Areas in the process of signing up:—

Essex County
Elgin County
Norfolk County
Oxford County
Brant County
Waterloo County
Wentworth County
Haldimand County
Lincoln County
Welland County
Bruce County
Hastings County
Lennox & Addington County
Frontenac County
Middlesex County

From this summary it would appear that cattle producers in practically all counties in the Province of Ontario are giving serious consideration to the restricted area plan for the eradication of tuberculosis in cattle herds. It is within the realm of possibility that by the end of 1938 petitions will have been circulated among cattle owners in all but three or four counties in Old Ontario.

HOGS

The Empire trade agreements of 1932, renewed in 1937, have proved of inestimable value to Canadian hog producers. Within six months of the signing of the agreements hog prices had risen 5c per pound on Canadian markets, and prices have remained fairly steady since that time. For the most part, prices have been maintained at about 8c per pound live weight at Ontario country points. Hog production has increased and the hog marketings of 1937 reached a high point in a great many years. The grand total for the year was 3,526,310. Coincident with the increase in marketings, exports rose rapidly, reaching a grand total of approximately 192,000,000 lbs. This represents the product of approximately 1,600,000 hogs, or in other words, 42% of our total marketings.

Ontario is still the leading hog producing Province, marketing 1,713,035 hogs. These hogs graded 32% select and 48.7% bacons. The quality of Ontario hogs is considerably higher than that of any other province. Hog producers throughout Canada showed an inclination to increase their marketings on the basis of rail grading. Approximately 35% of the hogs of Ontario were marketed in this manner. Poor crop conditions during 1936 had a considerable influence on marketings during the late months of 1937 and the early months of 1938. With the scarcity of feed on many farms, coupled with high prices for feed during the spring months of 1937, there was a marked decrease in the number of sows bred. This has resulted in decreased marketings during the early months of 1938.

Bacon Hog Fairs

Bacon Hog Fairs were held in 1937 in South-western and Eastern Ontario. Classes for breeding stock and market hogs were featured. These fairs were supported by both Federal and Provincial Live Stock Branches, with local contributions being used to supplement the prize lists. Officials of the two Branches co-operated in organizing and managing the fairs as well as assisting with the judging of the various classes. The market hogs at these fairs were sold by sealed tender to the highest bidder, on the basis of rail grade and rail weight. Following is a summary of the fairs held in 1937. The prices given are computed to live weight on the basis of 75% dress .

Place	No. Hogs	No. Selects	Price	Prevailing Price on Fair Day
Tilbury	157	70	$9.80	$8.75
Alvinston	161	69	9.77	8.75
Napanee	152	68	8.78	8.00
Smith's Falls	134	46	7.85	7.25

Field Days

A number of special swine field days sponsored by the Federal and Provincial Live Stock Branches were held in Eastern Ontario during June, 1937. These field days were held in the counties of Frontenac, Lanark, Dundas and Glengarry. They were well attended by swine producers in each county.

In addition to the field days mentioned, members of the Ontario Live Stock Branch were called upon to address many live stock field days, including Horse Breeders', Cattle Breeders' and Sheep Breeders' field days.

Bacon Hog Clubs

The bacon hog club policy of the Federal and Provincial Departments has been more or less inactive for the past few years. However, a few boars are still being maintained in clubs under the policy. Most of these boars are located in South-western Ontario. At the present time the Departments own 18 boars. During the year 2 boars were purchased at a cost of $72.00, for loaning to clubs in South-western Ontario.

Boys' Swine Clubs

Six swine clubs with a total membership of 82 boys were organized in the Province under the Federal-Provincial swine club policy during the year. Officers of the Live Stock Branch assisted in the supervision of the clubs. The total grants from the Ontario Department amounted to $56.00. In addition, $28.50 was expended on the Inter-Swine-Club Competition.

Senior swine clubs in Durham and North Simcoe Counties were also assisted by the Branch. The members of these clubs had purchased weanling sows during 1936. The progeny of these sows were tattooed by members of the Live Stock Branch during the spring of 1937 and were scored in accordance with Advanced Registry standards by officers of the Federal Live Stock Branch, when marketed. Many of the members of these clubs now have small herds of pure bred swine and are in a position to supply farmers in their respective communities with high class breeding stock.

Breeders' Clubs

The Ontario Yorkshire Club has encouraged the formation of district breeders' clubs. At the present time there are local Yorkshire Associations in Waterloo County, Bruce County, Simcoe County, the Stratford district and the Quinte district. Many of these organizations held consignment sales during 1937. The officers of the Ontario Live Stock Branch assisted in making selections of the animals offered. Periodical inspections of the herds in these clubs were also made during the year so that high class animals could be listed and offered for sale.

Swine Testing Station

The swine testing station is an outgrowth of the Advanced Registry policy for swine. The latter is a Federal policy administered entirely by Federal officials. Once a test station was established in the Province, Provincial officials were asked to co-operate in its administration. The Director of the Ontario Live Stock Branch is chairman of the Provincial Committee in charge of test stations in Ontario. During the year 83 litters were tested in the station at New Hamburg. Of this number, 46 qualified.

SHEEP

Sheep raisers in the Province had a successful year during 1937. Lamb prices showed an increase over previous years and wool prices were high during the early part of the year. With economic conditions in United States taking an unfavourable turn toward the end of the year, wool prices declined sharply, and since our prices are governed very largely by the export markets, prices were accordingly reduced in the Province.

Ontario farmers are still showing considerable interest in the feeding of Western lambs. It is estimated that approximately 36,000 head went into feed lots during the fall months of 1937. With prices remaining at satisfactory levels most of these lambs should make a profit for the men feeding them.

Ontario breeders experienced a splendid export trade for pure bred stock. American buyers purchased a large number of rams and ewes in the Province during the year. The Suffolk breed still continues to be the most popular for this trade, followed closely by Lincolns and Cotswolds.

Sheep Field Day

The Ontario Sheep Breeders held their annual field day at the Ontario Agricultural College, Guelph, in June. Officers of the College arranged an attractive programme featuring sheep breeding activities and extension work carried on by that Institution.

Assistance to Exhibitors at Foreign Exhibitions

The Ontario Live Stock Branch contributed $331.19 representing 50% of the freight charges to exhibitors at the Chicago International Exhibition. The following breeders represented the Province in 1937:—

H. M. Lee, Highgate.
Chas. J. Shore, Glanworth Sta.
C. J. Brodie, Stouffville.
John D. Patterson, Richmond Hill.
John D. Larkin, Inc., Queenston.
Welland Securities Ltd., Niagara Falls.
H. Noel Gibson, Komoka.

These breeders were successful in winning many of the coveted prizes, including the champion carlot of market lambs. These winnings have done a great deal to maintain a high reputation for Ontario sheep.

Live Stock Protection Act

This Act is administered by the Ontario Live Stock Branch. During the year there were seven appeals, one from each of the following counties: —Lambton, Lincoln, Middlesex, Parry Sound, Prescott, Stormont and York. Municipal councils are becoming more conscious of their responsibility in connection with this Act and as a consequence the number of annual appeals is becoming fewer.

POULTRY

Local Poultry Associations

Local Poultry Associations received assistance from the Department through the supplying of judges, lecturers and grants to local Associations during the fiscal year, as follows:—

Number of Associations holding a show during the fiscal year	17
Number of poultry judges and lecturers supplied	24
Total amount of grants paid to local associations	$953.50
Total expenditures in connection with judges, lecturers, etc.	$315.91

Boys' Poultry Clubs

Two poultry clubs were organized in the Province during the year. The total contribution for achievement days in connection with these clubs by the Ontario Live Stock Branch was $34.00.

BRANDING OF LIVE STOCK ACT

The Brand Act was amended in 1936 to include poultry. Since that time many poultrymen have made use of the Act and have had brands allocated to them by the Director of the Live Stock Branch in his capacity as the Recorder of Brands. Up to the end of March 1938, 2249 brands have been recorded. The recording of these brands has acted as a strong deterrent in chicken stealing.

Purchase of Live Stock

Members of the Ontario Live Stock Branch have assisted in the purchasing of live stock for institutional farms operated by other Departments of the Ontario Government. During the year a number of horses were purchased for the Ontario Reformatories at Guelph and Mimico. Boars were purchased for swine herds at the Institutional Farms at Guelph, Whitby, Orillia, Kingston and Brockville. Assistance was given in the purchase of a herd of Holstein cows for the Boys' Training School at Bowmanville.

ONTARIO PROVINCIAL WINTER FAIR

The fifty-fifth annual Winter Fair was held in the City of Guelph on November 30th and December 1st and 2nd, 1937, with more entries than the building accommodation would comfortably house. This Fair is supported substantially by an annual grant of $8,000 from the Ontario Department of Agriculture and $4,000 from the Federal Department of Agriculture. In addition, further special grants toward the seed section of the prize list, amounting to $743.15, and $500. towards the payment of judges are paid by the Federal Department, making a total government contribution for prize money of $13,243.15. The actual amount of money paid out in regular prize money, not including special prizes, was $15,691.00.

The management and office expense is provided by the Ontario Department of Agriculture through the Live Stock Branch, and the Directorate consists of representatives from the following:—

Ontario Horse Breeders' Association.
Ontario Cattle Breeders' Association.
Ontario Sheep Breeders' Association.
Ontario Swine Breeders' Association.
Ontario Poultry Association.
Ontario Seed Growers' Association.
City of Guelph.
County of Wellington.
Deputy Minister of Agriculture for the Province, by virtue of his office.

WOMEN'S INSTITUTE BRANCH

PROGRESS IN ORGANIZATION

During the year covered by this report 34 institutes were organized and 23 disbanded making the present number of active institutes 1,366 with an approximate membership of 42,100. Of this number 125 are junior institutes.

District Annuals—98 districts held annual meetings, with delegates in attendance from the various institutes located within the district. Districts co-operated with the Women's Institute Branch in organizing an educational service in home economics for the homemakers of their section. For 97 of these meetings the Women's Institute Branch supplied a representative who assisted the delegates in deciding on the district programme for the year. The attendance at these meetings totalled 20,057.

Conventions—Annual area conventions were held in the fall of 1937 at 13 centres. These conventions provide an acceptable means of contact for leaders and members of Women's Institutes throughout the province. In 1937, a representative from the Women's Institute Branch and one from the Provincial Board attended each of these conventions. The attendance totalled 5,457 persons. A joint gathering with the Federated Women's Institutes of Canada at Toronto gave an attendance on one day of 1,000. The presence of Her Excellency The Lady Tweedsmuir as guest speaker was the high note of this meeting.

Distribution of Literature—The outline of the Co-operative Programme for 1938-39 was prepared in printed form and five copies were sent to each local institute. The printed leaflet "Milk" was revised, and reprints of the leaflets "Vegetables" and "Salads" were made with slight revisions. A "Guide to Food Selection" and the "Food Selection Score Card", formerly distributed as mimeographed material, were revised and made available in printed form. A table showing the composition of some common foods was compiled and printed as a single sheet to be distributed as a supplement to "Guide to Food Selection".

A leader's manual and member's pamphlet were prepared in mimeographed form for use in each of the two new junior homemaking club units, "The Milky Way" and "Cotton Accessories for the Club Girl's Bedroom". Mimeographed and printed material was supplied to local leaders at training schools in Clothing, Foods and Nutrition, Housing and Homecrafts, and each local leader was furnished with informative material for distribution to her class members. Members carrying on home demonstrations in "Relieving Constipation" and "Gaining Weight" received directions and record sheets similar to help given in correspondence courses.

Outlines of the Curricula in the several courses offered by the Dominion-Provincial Youth Training Agreement for Rural Young Women, and subject matter pertaining to the same were supplied to the instructors in mimeographed form.

The supply of minute books for the use of institute secretaries was replenished and the reference library for the use of staff members was brought up-to-date.

Four issues of "Home and Country" the organ published through the co-operation of the Women's Institute Branch and the Provincial Board, were distributed to the institute during the past year. This sheet is available to every institute member and serves to keep them alert and well informed as to the institute activities throughout the province.

Packet Loan Collection—The Women's Institute Branch has available loan material in the form of papers, bulletins, clippings and magazine articles dealing with topics related to the work of the standing committees and institute interests generally, and suitable for use in public meetings. Folders have been sent to Nova Scotia, Alberta, Saskatchewan, Quebec and New Brunswick, as well as throughout Ontario.

In the period covered by this report 911 institutes were served through 4,136 references dealing with such subjects as the following :Education 963, Home Economics 545, Legislation 371, Peace Education 331, Canadianization 326, Agriculture 304, Canadian Industries 234.

Legislative Grants—$5,949.50 was disbursed as grants to institutes and districts who asked for this service. Of this amount $2,232.00 was paid to 744 institutes and $3,717.50 to 98 districts.

Correspondence—In addition to 97 circular letters with a circulation of about 23,826, approximately 16,500 letters were sent out during the year.

Co-operation with Other Organizations and Agencies—The staff of the Ontario Agricultural College continue to give valuable assistance to Women's Institute activities. This was shown especially during the past year in their generous contribution to the Girls' Conference held at the College in May and to the staff conference of the Women's Institute Branch held in October.

The support of the Agricultural Representatives Branch is necessary to the success of the junior homemaking club programme. Their staff again gave valuable assistance with local leader training schools, achievement days and the club programmes carried on at grade "A" and grade "B" fairs.

The Agricultural and Horticultural Societies Branch supplied a lecturer for a summary day in the local leader project, "Vegetable Cookery". The Women's Institute staff took care of a half-day programme in the home section of the provincial convention of Agricultural Societies. They also gave assistance in the revision of fair prize lists.

The management of the Royal Winter Fair supplied space for an exhibit of handicraft by the Federated Women's Institutes of Canada, showing work from every province. The instructor in Home Crafts on the staff of this Branch gave assistance in setting up this exhibit.

Through the co-operation of the Community Welfare Council, the Women's Institute Branch made arrangements for instruction in drama in three counties.

This Branch has worked with the Dominion Department of Indian Affairs in supplying instructors for short courses in home economics on the reserves.

Contacts made with such organizations as the Red Cross, the Health League of Canada, the Ontario Society for Crippled Children, the Dental Hygiene Council, the Canadian National Institute for the Blind and local school trustee boards have resulted in joint action along lines of common interest.

Foreign Contacts—International interests are aroused and maintained through correspondence. Additional contacts made through this office during the past year have brought the number of institutes interchanging correspondence up to 98 as follows:

New Zealand 46; England 34; Australia 13; South Africa 4; Denmark 1. Correspondence is now pending with three English and two Scottish groups.

FEDERATED WOMEN'S INSTITUTES OF ONTARIO

Provincial Board—The Provincial Board met twice during the year, in April and again for their annual meeting in November. They examined the resolutions of the conventions and planned to present those which received their endorsement to the Provincial and Dominion Governments.

The treasurer's annual report showed receipts of $8,071.79 and disbursements of $4,011.71 with a balance on hand for the fiscal year of $4,060.08.

Standing Committees—During the past year good work has been done under the committee on Agriculture and Canadian Industries by directing attention to the need for beautification of farm homes. Reports of conveners of this committee show that 14 districts have given this subject special attention. Reforestation, too, has been promoted by institutes in many districts.

Community Enterprises—Local enterprises sponsored by local institutes are many and varied and are governed by the special need in the community concerned. In many cases the work entailed has been spread over several years and has produced a structure of lasting value. Rest rooms and libraries have been established and are being supervised. Hospital wards have been furnished, grounds for parks and athletic fields purchased and cemeteries beautified. Motion picture machines for community use have been purchased and sports and other forms of wholesome recreation encouraged. Local institutions for the unfortunate are given assistance and in recent years local relief has played an important role in practically every institute's activities.

Putnam Memorial Fund—This fund, so named in recognition of the interest of the late George A. Putnam in institutes of Northern Ontario, was established to give assistance to worthy cases in outlying sections of the province, and is maintained through the co-operation of the Provincial Board and the Simcoe Area Convention. Southern institutes have contributed clothing, food, household supplies and funds for distribution in the north. The fund is administered through this office which investigates appeals and passes on requests for help. During the year 25 bales weighing 1,186 pounds and valued at $83.75 were distributed by this means.

STAFF CONFERENCES

Three staff conferences were held during the year. In April, the home economics coaches met for three days in this office. They discussed problems in junior homemaking club work and made plans for the coming year.

In May, speakers for the district annual meetings met to discuss the presentation of the co-operative programme in home economics at these meetings.

In October, the third annual conference of the entire staff was held at Macdonald Institute, Guelph, when the instructors in the senior and junior programmes in extension education in home economics and the one-month and three-months short courses met for three days. The staff of Macdonald Institute co-operated by bringing reports of recent research in Nutrition and Clothing.

CO-OPERATIVE PROGRAMME IN HOME ECONOMICS

The Women's Institute Branch is responsible for an educational programme to help homemakers acquire sound and improved practices for greater home efficiency. If this service is to be made available throughout the province the co-operation of local and district institutes is required. Therefore this educational service is rightly called the Co-operative Programme in Home Economics.

In 1937-38, this programme was planned to meet the most urgent demands and needs of the majority of homemakers in the province. It had to recognize the possibilities and difficulties of establishing sound educational procedures by taking into account: limited funds; the diversity of social and economic conditions in the province; the varying mental and physical abilities of homemakers; the widely differing demands and limitations set up by ideals and beliefs; varying climatic conditions and occupations; and the tradition of previous programmes. Because home economics is so comprehensive it was classified into several different lines of study and work: Clothing and Textiles, Foods and Nutrition, Health Education, Housing and Homecrafts. In addition, instruction was offered in Administrative Leadership.

The services were classified thus:

1. *Service Requiring Co-operation of Branch Institute only*—This service was limited to ten different one-week short courses. Any institute might apply for one short course.

2. *Services Requiring Co-operation of District Institute and Support of the Local Institutes*—(a) Speaker Service—The district selected a number of centres (approximately half that of the number of institutes in the dis-

trict) where the neighbouring institutes could meet with a trained worker who would speak to the membership and encourage educational work along some definite line. Twenty-four different subjects were listed.

(b) District Training School for Local Leaders—Each institute in the district was encouraged to appoint a local leader to attend a training school in a definite study or activity and to carry this instruction back to her institute. These training schools were from two to eight days duration with both morning and afternoon sessions. Fifteen different projects were listed.

(c) Home Conferences—Through this service the trained specialist visited each institute wishing to participate in the district. The members of an institute met actual home problems and analyzed them under the guidance of the instructor. Provision was made for the group to gain further experience and make corrections. One project was announced under this plan.

3. *Service Requiring Co-operation of District Institute*—Each district had the privilege of applying to the Department for an instructor to take charge of an Officers' Rally to give training in Administrative Leadership.

Programme Planning—An effort was made to bring the responsibility of programme planning to the attention of all Women's Institute members through articles in "Home and Country" and discussions at conventions and district annual meetings. In all their contacts the staff of the Department have tried to encourage the institutes to analyze their needs and be conscious of their interests. The past year has shown some progress in establishing better methods of determining the homemaking programme.

In April, 1937, five copies of the announcement of the Co-operative Programme in Home Economics were sent to each Women's Institute in order that the membership might become thoroughly informed and be able to make a wise choice of district programme and institute short course. The institutes were urged to discuss the Co-operative Programme at a local meeting previous to the district annual and to prepare their delegates for their responsibility in planning the Co-operative Programme in the district for the coming year. The district annual meetings were organized partly as programme planning meetings.

The districts and institutes were asked to send their requests to this office by July 3 for the ensuing programme year (July 1, 1937, to July 1, 1938). Unfortunately this report is required to cover the activities and achievements of the fiscal year rather than the programme year which indubitably would present a picture of greater unity and accuracy.

Clothing and Textiles—The work done during 1937-38 followed the same procedure as in previous years with local leader training schools, short courses and speaker service. The course of instruction dealt with the selection, construction and care of clothing with the definite purpose of developing a standard in clothing selection which would contribute to the health, comfort and efficiency of the family and give a sense of ease and assurance in their social relationships.

Training schools in "Buymanship" were conducted in 18 districts with 213 leaders and 32 assistants receiving information of value to the consumer. These leaders not only have presented this information to their institutes but are setting an example to others by adopting better buying practices.

The "Kitchen Ensemble" was the choice of four districts. Three of these training schools have already been held with an attendance of 26 local leaders. The fourth district will hold its training school in May. In the past year, summary days in the work done in the Kitchen Ensemble of the previous year were held in four districts with a total attendance of 261 and with 146 dresses and 140 aprons on display. The leaders reported 136 meetings held with 234 registrants, 116 of whom had no previous experience in clothing construction.

"Care of Clothing" includes the study of laundering and mending clothing; spot and stain removal by safe and satisfactory methods; clothes closets and methods and conveniences for storage. This study was requested by eight districts.

"The Use of Commercial Patterns" was studied in five short courses with an enrolment of 80 and a total attendance of 369. Short courses in "Garment Finishes and Remodelling" numbered 23 with 413 members enrolled and a total attendance of 1,950.

Four districts applied for speaker service in Clothing and 15 meetings were held with 652 women in attendance. At nine meetings "The Becoming Costume" was the subject under discussion and the remaining six considered the problem of "Buying for Small Town Needs."

Foods and Nutrition—Increased interest in nutrition and food preparation was evidenced in the past year by a definite increase in requests for service. This service consisted of local leader training schools, short courses, speaker service and home demonstrations.

Local leader training schools were held in 28 districts. Four hundred and eight local leaders and assistants representing 233 institutes received training at these schools, 277 in "Vegetable Cookery," 99 in the "Uses of Whole Wheat" and 32 in "Meat Cookery".

The project "Vegetable Cookery" served to stimulate the growing of more vegetables and to increase the consumption of these in the home. The "Uses of Whole Wheat" emphasized a wider variety in the use of whole wheat products and the value of these in avoiding possible dietary deficiencies in districts where there is a dearth of fruits and vegetables.

The project "Meat Cookery", stressed newer methods of cookery approved by scientific investigation and the necessity of hanging beef and mutton killed and distributed locally.

Short courses in "Food Preparation" were held in 36 communities with a total attendance of 2,571.

Speaker service in "Feeding the Family for Health" was chosen by three districts while the subject for discussion in one district was "Table Setting and Home Service." The attendance at these meetings, held in 18 centres, totalled 1,037.

Home demonstrations in "Relieving Constipation", to the number of 173, and 68 in "Gaining Weight" were asked for and distributed.

At all local leader training schools and short courses food selection score cards were marked. This personal check-up served to increase the use of protective foods such as milk, vegetables and fruit.

Health Education—In the past year 12 short courses in Health Education were held with 258 women receiving instruction, with an attendance of 1,166. These coursse were conducted under the direction of graduate nurses who have had special training in public health work. In addition to the short courses, seven districts asked for speaker service in Health Education and meetings were held in 33 centres with an attendance of 1,442.

Housing—Local leader training schools in "Refinishing of Furniture" were conducted in nine districts with 62 leaders in attendance. Of these, 36 leaders have reported completed classes with an enrolment of 354 members who refinished 360 pieces of furniture. One district undertaking the work in the past year has already held a Summary Day when the refinished furniture of the district was exhibited and slides of old furniture were shown. The attendance at this meeting numbered 30 and 20 pieces of refinished furniture were on display.

In addition, Summary Days have been held in the past year in ten districts whose local leaders attended training schools conducted in the previous year. The attendance totalled 639 with 234 pieces of refinished furniture exhibited. Two districts are planning for local leader training schools in "Reconditioning of Furniture" before the programme year closes in June.

"Buymanship Relating to Housing," was discussed at 24 meetings held in five districts, with an attendance of 1,051.

Home Conferences in "Rearrangement of Furniture" were held in 18 institutes in three districts with an attendance of 117. A group of women, never more than 12, met with the Department instructor in a member's home to study the best possible arrangement of furniture for that particular room, bearing in mind the number and ages of the people using the room as well as their activities. Actual work was done. Following this meeting the women worked in at least five homes.

Return visits were made to two districts where 60 women were in attendance.

Home Crafts—"Leather Glove Making" again proved to be the most popular of the Home Crafts in which instruction was given in the past year. Local leaders from 152 institutes attended 22 training schools in this craft. Because some of the training schools were held late in the year, not all of the communities have completed their work. Reports to date show that in the three projects, "Home Utilization of Wool," "Quilts and Quilting" and "Leather Glove Making," 242 local leaders have held 499 meetings with a total attendance of 4,570.

In addition to the local leader training schools in "Home Utilization of Wool", ten short courses were held with 139 women enrolled and an attendance of 771. "Block Printing" was studied in one short course with an enrolment of 16. Short courses in "Rug Making" numbered 15 with 182 women receiving instruction and 27 short courses in "Needlecraft" showed an enrolment of 434. The total attendance at the Home Craft short courses numbered 4,741.

Officers' District Rallies—Another service included in the Co-operative Programme was training in administrative leadership with the object of helping the members of Women's Institutes develop and maintain strong leadership.

In the past year, 39 officers rallies were held, with 323 institutes represented and an attendance of 1,395. "Parliamentary Procedure" was the subject chosen for speaker service by two districts, when nine meetings were held with an attendance of 581.

JUNIOR EXTENSION PROGRAMME IN HOMEMAKING ..

The junior programme is planned to meet the needs and interests of girls from 12 to 26 years of age and comprises three methods of approach —winter short courses, junior institutes and the junior homemaking clubs, first organized in 1935.

One-Month Short Courses—During the winter months from December to March inclusive 28 one-month courses, five two-weeks courses and four one-week courses were conducted in co-operation with the courses in agriculture organized by the county agricultural representatives. In addition, three two-week courses were held in the north in April, 1937. The enrolment of girls and women at these courses totalled 1,435, with an average attendance of 31. Of these 26% had never attended high school, 20% had not attended for more than two years and only 5% had received special training through other sources. Of those in attendance 65% came from farm homes and their average age was 22 years.

Clothing was taught in all of the one-week and two-weeks courses and foods and nutrition in all but two of these courses. Foods and nutrition and household management were included in all of the 28 one-month courses. In addition, clothing was featured in 19 courses and health education in eight courses. Joint meetings with the classes in agriculture were held in topics of interest to both groups, including in most cases, weekly literary meetings with instruction in parliamentary procedure and public speaking.

Three-months Courses—In addition to the courses already described, three-months schools were held in nine counties with an enrolment of 324 girls. Of these 77% came from farm homes, 28% had never attended high school, 26% had not attended for more than two years and only 7% had received special training through other sources. The average age of the girls enrolled was 20, and the average attendance at the courses was 23.

The organization was similar to that of the one-month schools but the longer period of time provided for a broader programme. Instruction in foods and nutrition and in household management was given throughout the course. In addition, the students received one month's instruction in clothing, one month in health education and one month in household accessories. Joint classes of boys and girls were held for special lectures in poultry, gardening, home beautification, English, public speaking and music. In some of the courses part of this instruction was given in separate classes.

Reports show that through the clothing instruction 1,034 garments were made, including 595 dresses; 481 girls adopted practices which made for better selection of clothing; 510 followed recommendations for proper care of clothing and 354 adopted more healthful clothing. Because of the work in foods and nutrition, 276 class members adopted recommended practices for corrective feeding; 214 homes introduced better methods for care of milk and 698 practices were established to increase the consumption of milk, fruits, vegetables and whole cereals. Homes adopting recommended methods in care of the house numbered 258; 285 adopted recommended laundry practices and 95 kitchens were re-arranged for convenience.

Through the work in health education 120 girls improved their posture; 50 had a needed health examination; 120 adopted preventive measures; 80 adopted recommended nursing procedures and 431 homes had their water supplies analyzed.

Junior Homemaking Clubs—This form of extension work was organized in 1935 when 181 clubs carried on the homemaking club unit "A Simple Cotton Dress". This work is in charge of a Departmental instructor who is a trained teacher in home economics and is known as a home economics coach. Each coach serves several counties. Some of the girls reached are already members of junior or senior institutes or girls' clubs but in many cases they represent previously unorganized groups.

The organization was similar to that of the previous year ,each club being organized under a local leader who might be an older woman—often a senior institute member, or a girl who has already had some training in home economics through junior extension work. The local leaders attended a county training school under the direction of the home economics coach where they received instruction in subject matter and teaching methods. Under this leadership the girls held meetings as suggested by the manual supplied to the local leaders. They completed the work required, kept a record book and attended the annual county achievement day where they exhibited the results of their efforts and exchanged ideas with other clubs. Here, too, with the assistance of the home economics coach they planned the homemaking club programme for the ensuing year.

In the spring of 1937, three counties held training schools in " Being Well Dressed and Well Groomed"; 12 in "Cottons May be Smart" ("A Simple Cotton Dress") ; ten in "Summer Clothes for Girls"; 13 in "Clothes Closets Up-to-Date"; and one each in "The Supper Club", "Dressing Up Home Grown Vegetables", and "The Milky Way". As a result of these training schools and the 48 schools held during the previous fall and winter, 1,779 club members exhibited at one of the 45 county achievement days held in the summer of 1937.

Another feature of homemaking club work is the Girls' Garden and Canning Clubs, organized by the county agricultural representative in cooperation with the home economics coach, who holds training schools in the cooking of vegetables, storing them for winter use and planning a garden to meet the family needs. Garden and Canning Clubs to the number of 46 were organized in 1937, with 577 club girls enrolled. Part of the results of this work was exhibited at the regular county achievement days or at fall fairs, but 19 special achievement days were held with an attendance of 188.

In 1937, the Dominion Government again offered prizes for supervised club work at Grade "A" and Grade "B" fairs. In Ontario the girls' programme at these fairs was drafted in line with the homemaking club units carried on in the various counties. 161 club girls from 28 counties exhibited at the Canadian National Exhibition, 224 girls from 22 counties at one of the three other Grade "A" fairs, and 443 girls from 37 counties and districts at one of the 13 Grade "B" fairs held in Ontario.

The junior club programme in homemaking for the autumn and winter of 1937-38 was enlarged to include a unit known as "Cotton Accessories for the Club Girl's Bedroom" in which 12 counties held training schools resulting in 96 clubs with 431 members enrolled. In addition, two counties held training schools in "Being Well Dressed and Well Groomed", five in "Cottons May be Smart", five in "The Supper Club", four in "Dressing Up Home Grown Vegetables" and ten in "The Milky Way". As a result of these schools, 2,149 girls in 350 clubs were receiving instruction in some phase of homemaking during the fall and winter just past. The results of these schools can best be evaluated by the achievement days to be held during the summer of 1938.

Junior Institutes—One hundred and twenty-five junior institutes were active during 1937-38. In order to ensure a sound educational programme each junior institute is urged to undertake at least one unit of work in the junior homemaking club programme each year.

Girls' Conference—On May 4-7 the annual conference of rural Ontario girls was held at the Ontario Agricultural College, Guelph. This conference was organized and carried on by the Women's Institute Branch cooperating with the staff of the College. Because in past years the applications for admission to the conference have overtaxed the accommodation at the College, the registration in 1937 was limited to 400 girls. These girls are chosen mainly as representatives of junior and senior Women's Institutes, homemaking clubs and winter short courses, some of them receiving the trip because of outstanding work in clubs and short courses.

At this conference they received training in leadership as well as instruction in such subjects as the conservation of health; the art of dress; the practical and aesthetic sides of food preparation and service; the responsibilities of the home; home beautification by tree planting; and the conduct of club meetings. Many of the girls who attend this annual conference are for the first time made aware of the possibilities for homemaking education available to them and the results are shown in the requests for further instruction.

DOMINION-PROVINCIAL YOUTH TRAINING PROGRAMME FOR RURAL YOUNG WOMEN

In 1937, the Dominion and Provincial Governments provided funds to allow for a number of courses designed primarily to aid rural young women who require part-time employment. In Ontario, the Women's Institute Branch assumed responsibility for the planning and administration of these courses and during November and December representatives of this Branch made a survey of the demand for them. As an outcome of this survey, courses were scheduled in various parts of Ontario as follows: "Catering for Tourists," ten; "Marketing of Home Baked Foods," four; "Rug Making," two; "Simple Dress-making and Remodelling," 12. Arrangements for these courses were made through county advisory committees comprised of the agricultural representatives, public school inspectors, district presidents and secretaries of Women's Institutes and the county home economics coach or her substitute. Each of the courses with the exception of "Rug Making" was held for five days a week for four weeks with morning and afternoon sessions. The Rug Making course was completed in three weeks' time.

Reports of these courses show a total enrolment of 622 with an average attendance of 19 and an average age of 20 years. Of this enrolment 34% had never attended high school, 41% had attended for two years or less, 14% had received special training in some line and 45% had been previously employed. Farm homes supplied 60% of the enrolment, while 23% came from villages and 11% from towns.

Records of accomplishment were issued to those students who attained a certain standard of work and provision was made to keep in touch with the students and their problems after the conclusion of the courses.

As a result of the work in clothing, 12 students have definite plans to sew for others, one girl hoping to earn money to attend art school and one already having received orders for slips and simple dresses. Of the remainder, all will be able to do at least part of their own sewing and that of their families.

In "Rug Making" the members enrolled mainly with the idea of improving their own homes, but the courses have awakened interest in the possibilities of financial returns from such work.

From the foods courses three students have definite plans to sell home baked foods on a farmers' market, six to establish road-side stands and two to take in summer boarders, one of these selling home baked foods as a side-line. Six students have plans to start tea-rooms or tourist homes and eight already established in tourist homes have received definite help in ideas for improvement. Seven girls will find summer employment in tourist homes, two in sumer resorts and three in domestic service; and 15 who have been previously employed have acquired knowledge and skills which should fit them for better paid positions. At least 39 others expect to use their course in some way to improve their economic situation. All students, besides receiving instruction in the fundamentals of business management, were made aware of the possibilities in the field of catering to tourists and the sale of home baked foods.

REPORTS AND RECORDS

To assist in the compilation of reports, forms are supplied to instructors of local leader training schools, one-month and three-months schools and other short courses; to speakers in the speaker service series of meetings; to Department representatives at district annual meetings; and to local leaders in both senior and junior work. Local institutes are asked to report every four months on forms supplied, giving information that is used to make a comparative study of the work of the institutes in each district.

A growing realization of the importance of reports on the part of all staff workers is showing results in more accurate and comprehensive reports; but not until the local leaders become more conscious of the importance of definiteness and promptness in returning reports of the work they have accomplished will this Branch be able to show a full and accurate picture of its year's work.

OUTLOOK

The above report gives evidence of the increased participation of Women's Institute members and women generally in the study of homemaking problems. This interest and analysis on the part of homemakers, themselves, is resulting in the paradoxical demand for both more comprehensive and highly specialized curricula for short courses and projects.

In particular, an educational service in two divisions of subject matter, previously receiving little attention, should be made available in the near future. Young parents are asking for guidance in the study of child behaviour and family life. Rural Ontario is awakening to the bareness and ugliness of its home grounds. The Women's Institute Branch with its 1366 community organizations should be giving this educational service, otherwise the Branch is not keeping in line with its objective of developing better and more satisfying rural living. Two experienced, well and specifically trained staff members will be required to give full-time service to develop effectively these programmes. Indubitably, attention given to these two phases of work would result in better living conditions in rural Ontario.

The appreciation of practicing homemakers for a sound educational programme in home economics has been proven this past year and it clearly defines the steady upward trend of greater demand for such services. Practically every county feels the need for more service from the home economics coach.

The administration of the programme of the Women's Institute Branch involves the participation and leadership of homemakers throughout the province. It must be a genuine movement to which people will devote their best minds and energies because they are enthusiasts for the end that is sought. Although increased money income and more satisfying material comforts are often the immediate objectives, a clear insight must be kept into the real values that contribute to general welfare. Health, beauty and culture are the final end of the work. Much new knowledge should be put into use.

SUMMARY
NUMBER OF CONTACTS WITH DIFFERENT INDIVIDUALS DEPARTMENT SERVICE TO SENIOR INSTITUTES, APRIL 1, 1937—MARCH 31, 1938.

Type of Service	No. of Contacts with Different Individuals		
	Direct	Indirect	Total
Local Leader Training Schools: (including summary days)			
Clothing	584	5942	6526
Foods and Nutrition	408	1549	1957
Housing	701	354	1055
Home Crafts	601	824	1425
Short Courses:			
Clothing	493	....	493
Foods and Nutrition	995	....	995
Home Crafts	785	....	785
Health Education	258	....	258
Speaker Service:			
Clothing	652	....	652
Foods and Nutrition	1037	....	1037
Health Education	1442	....	1442
Housing	1051	....	1051
Administrative Leadership	581	....	581
Home Conferences:			
Housing	117	....	117
Home Demonstrations:			
Foods and Nutrition	241	....	241
Officers' Rallies:			
Administrative Leadership	1395	....	1395
District Annuals:			
Programme Planning	20,057	....	20,057
TOTAL	31,398	x8,669	40,067

xReports incomplete

FRUIT BRANCH

Following the short crop of all fruits during the season of 1936, production in most lines in 1937 showed a decided increase. Under more favorable weather conditions, quality on the whole was higher which made for better marketing conditions.

The figures for the commercial crop as issued by the joint Committee of Federal and Provincial officers and a comparison with the previous year is given herewith:

	Year 1936	Year 1937
Apples—barrels	703,500	745,300
Pears—bushels	196,800	185,500
Peaches—bushels	402,300	525,700
Plums—bushels	41,200	56,000
Cherries—bushels	124,800	101,900
Strawberries—quarts	6,168,000	6,880,300
Raspberries—quarts	1,800,000	4,043,200
Grapes—lbs.	21,640,000	52,000,000

Marketing conditions on the whole were not unfavorable to the growers. Some fruits for processing naturally, with heavier crops, sold under contract for lower prices than in 1936. This was particularly the case with peaches, but chaos was avoided by the Peach Scheme under the Ontario Farm Products Control Act. The local board under this Act was operating successfully by the time the canning crop was ready and certainly did much to steady prices.

Co-operative effort by the Federal and Provincial Departments of Agriculture resulted in consumer advertising for both peaches and grapes, while later in the winter, the Federal Department carried on advertising of apples with the object particularly of helping clear up a surplus of boxed apples from the West. The advertising was general however, and also helped stimulate the sales of Ontario apples which had been moving rather slowly under the competition of the citrus fruits entering Canada free of duty during the first four months of the year.

During the 1937 Session of the Legislature two control acts were passed that materially affected the work of this Branch. The Fruit Pests Act was repealed and The Plant Diseases Act covering a larger field was enacted in its stead. The Grades and Sales Act, entirely new in its field in Ontario, was rendered necessary following decisions of the Supreme Court regarding jurisdiction of the Provinces over trade matters. Some of the lines of work under these laws are given below.

The Plant Diseases Act:

(1) Nursery Inspection—60 nurseries in the Province are now registered and all stock grown by them is inspected for certain insects and diseases. the infested trees being destroyed. Certificates of such inspection are issued to nurseries, particularly those dealing in fruit trees for shipment to other provinces.

(2) Orchard Inspection by Municipal Inspectors—Certain municipalities, principally in the Niagara District, appoint one or more men under the Act, subject to the approval of the Minister of Agriculture and to Departmental supervision. This seeks to keep in control such serious insect and disease pests as Little Peach, Yellows and San Jose Scale which are difficult to identify and control. In the past the expense for these temporary men has been shared equally by the Department and the municipality, but assistance has also been given by members of the permanent staff of the De-

partment. The following municipalities appointed inspectors in 1937: Townships of Louth, North Grimsby, Saltfleet, Grantham, Niagara, Stamford, Pelham, Clinton; Towns of Grimsby and Collingwood; Villages of Fonthill and Beamsville; Cities of Oshawa and Toronto.

(3) Orchard Inspection for Apple Maggot—Under Federal regulations covering the export of apples, all fruit for shipment to the British Isles must be certified as free from this pest in the orchard. Inspection is carried out as to spraying by Provincial officers only, but in the fall, the Provincial Department co-operates with the Federal authorities to facilitate this work by furnishing a quota of men and cars.

During the year, fifteen provincial men were engaged during part of May, June and July in checking up on the spraying and cleaning up of old orchards and other sources of infection surrounding those orchards whose owners are interested in the export markets. During late August and September, and working under the supervision of the Dominion Entomological Branch, some forty men were engaged in checking over the fruit in all registered orchards for presence of the apple maggot.

Orchards under this inspection by counties are shown herewith:

Brant 33; Dundas 15; Durham 238; Elgin 58; Essex 11; Frontenac 7; Grenville 11; Grey 164; Halton 83; Hastings 30; Huron 47; Kent 16; Lambton 38; Lincoln 44; Middlesex 157; Norfolk 236; Northumberland 362; Ontario 34; Oxford 115; Peel 41; Prince Edward 363; Simcoe 36; Welland 5; Wentworth 51; York 20—Total 2216 orchards.

(4) Field Inspection for Corn Borer—This was originally started by the Federal Department as a quarantine measure, but assumed by the County and Provincial authorities co-operating in trying for commercial control. Inspectors are appointed by municipalities subject to the approval of the Minister of Agriculture, and part of the expense is assumed by the Department. During the season 23 counties and 1 city came under this inspection.

The Farm Products Grades and Sales Act:

Regulations under this Act were drafted and passed by Order-in-Council during the year to cover the marketing of fruit and vegetables grown and sold in Ontario, including the grades and grading, packing and packages, marking and inspection. Federal inspectors were appointed, without additional remuneration, by the Province to enforce both Provincial and Federal regulations within the Province, thus avoiding duplication of services. The Province, however paid the cost of maintaining an inspection station at Gravenhurst for all produce moving north, with the Federal Department paying for the services of the two inspectors stationed there. All assistance possible is given the Federal Fruit Branch in facilitating the work of their fruit inspectors in this Province.

Spraying, Pruning, Etc.:

Spray Calendars for apples and other fruits were again prepared in co-operation with the Federal and Provincial officials, and distributed together with timely letters to thousands of growers through the offices of the Agricultural Representatives, the Ontario Agricultural College, the Vineland Experiment Station and this office. Where fieldmen were available, personal visits were made to discuss orchard problems. Prospective fruit growers were advised and assisted in the selection of suitable soil and other conditions for the growing of various kinds of fruit. Lists of recommended varieties of fruits for planting in different sections of the Province were prepared and distributed.

Marketing:

Assistance was given to our cold storages and co-operative associations, and other carlot shippers for the proper handling of apples and other fruits, chiefly for export. In addition, growers and shippers were assisted in the selling of fruit on the export market through their own overseas' representative. Close contact with this market is kept and such information passed on to those interested. Collective insurance has been obtained at low rates for export fruit, and assistance has also been given in co-operative buying and distribution of certain packing house supplies difficult and expensive for small units to purchase individually.

Crop Reports:

This Branch co-operated with the Statistics Branch in the preparation of their monthly crop report on fruits and vegetables.

Fairs and Exhibitions:

Assistance was given in the preparation of prize-lists, entries and arrangement of exhibits at the Canadian National Exhibition and the Royal Winter Fair.

Cold Storages:

The cold storage at Brighton originally built for experimental purposes is now operating successfully as a commercial cold storage for apples. Growers and co-operatives were assisted in arranging for storage of apples, chiefly for export, from over-crowded sections, enroute to seaboard. As a result of the severe winter of 1933-34, cold storages in certain districts have had difficulty in securing sufficient volume of fruit to give them revenue to meet their obligations, while in other sections it has been impossible to find storage space for the volume of fruit offered.

Meetings & Conventions:

Help is given in arranging meetings of fruit growers wherever requested. This includes the programme for the Annual Convention of the Fruit Growers' Association of Ontario in co-operation with the Niagara Peninsula Fruit Growers' Association, meetings of district Associations, as well as for the smaller local associations.

AGRICULTURAL REPRESENTATIVE BRANCH

The various lines of work undertaken by Agricultural Representatives during the past year have been of economic importance and fundamental to the success of Agriculture. The questions of soil requirements, the control of field crop and live stock diseases and the marketing of farm products have presented many difficult problems.

Each year more and more requests are made by the farmers for the services of the Agricultural Representatives who are ably assisted by officials from both the Provincial and Federal Departments of Agriculture and our Agricultural Institutions.

The appreciation of extension work and the opportunities for useful service are strikingly illustrated in the following extract taken from the report submitted by the Agricultural Representative from Oxford County:

"In all my twenty-four years of service in the county, this has been the most outstanding from the standpoint of interest and opportunites for useful service. This is reflected in the increase in correspondence, circulars mailed, telephone calls received, an increase of over 300 in the number of callers, an increase of 100% in the number of meetings addressed and an increase of 75% in the number of meetings attended. In addition to there being 3754 callers, there was an attendance of 2262 at meetings held in the office. The highest number of callers in any one month was 565 in March, 1937."

The changes in personnel during the past year have been as follows:

Transfers—F. C. Paterson from Welland County to Peterborough County;

Jos. Wilson from Hastings County to Welland County;
A. M. Barr from Grenville County to Brant County.
New Appointments—H. G. MacLeod to Grenville County;
H. L. Fair to Hastings County.
Resignations—J. C. Steckley, from Brant County to become Superintendent of the Western Ontario Experimental Farm, Ridgetown.
A. D. Runions, from Peterborough County to the staff of the Kemptville Agricultural School, Kemptville.

Summary of office work:

	Total	Average per office
Letters Received	113,950	2,234
Letters Written	107,273	2,103
Circular Letters Mailed	482,019	9,451
Incoming Telephone Calls	90,950	1,781
Visitors	136,250	2,671
No. Meetings Addressed	3,087	60
Attendance at Meetings	151,311	2.966
Additional Meetings Attended	1,671	32
Mileage	866,024	16,981

LIVE STOCK IMPROVEMENT

During the past few years, interest in live stock improvement has been more definitely focussed upon animal diseases relating to mineral deficiencies. In practically all parts of the Province reference has been made to chronic conditions of live stock which do not seem to respond to feeding. During the winters of 1937 and 1938, numerous enquiries regarding these conditions were received and upon investigation many home grown feeds were found to be low in feeding value.

The mineral deficiency study started in 1937 in the Homestead Cheese Factory district, in Oxford County, was continued and an improvement in the herds under observation was noted. These cattle were divided into groups and given different applications of minerals. Following a soil survey, recommendations were made to apply fertilizer to correct the nutrient deficiency.

HORSES

The price of horses remained very satisfactory in comparison with other live stock prices, a condition which has developed a demand for good breeding sires, and many Agricultural Representatives assisted in organizing Breeders' Clubs and in locating stallions. Boys' Foal Clubs were conducted in many counties and instruction was given the members in horsemanship and care and management of horses. Bot Fly control was encouraged, although very few Representatives carried on county campaigns, as it was felt that after two or three years' intensive work, the farmers should know whether their horses required treatment or not, and they were advised to get in touch with their local veterinarians. Many farmers now make a practice of treating their horses annually and find the results very satisfactory .

The Agricultural Representatives assisted the stallion inspectors when they made their annual inspections.

T. B. Eradication

Agricultural representatives gave every possible assistance in the campaign towards eradicating bovine tuberculosis in Ontario.

Warble Fly Control

This past year fewer County Live Stock Improvement Associations requested the County Councils to purchase warble fly powder for free distribution to cattle owners, the reason for this being that many of them felt that Ontario cattle were about as free as it was possible to get them.

In the counties carrying on the project, the Agricultural Representatives supervised the organization and distribution of the powder. In counties in which no definite campaign was conducted, educational meetings were held and articles were forwarded to the local press. It is estimated that approximately 297,666 cattle were treated in Ontario in 1937.

SHEEP

The price of lambs remained very satisfactory during the year. The marketing of Ontario lambs is not as seasonable as it has been in the past. Many farmers finished their lambs previous to the influx of Western shipments. The price of wool opened at a high figure and farmers selling for cash at time of clipping received very remunerative prices. Towards spring, the price had dropped back to about 15c per lb. Agricultural Representatives encouraged the shipment of wool-co-operatively.

Lamb Fairs were conducted in Algoma and Lanark Counties.

In a number of counties Representatives have had requests from farmers to give drenching demonstrations in the control of internal parasites as well as castrating and docking demonstrations.

SWINE

Swine work has been given a great deal of consideration by the Agricultural Representatives and breeders have been assisted in the purchase of Advanced Registry breeding stock and through advice regarding mineral mixtures and other problems relative to swine diseases. The organization of Field Days, pure-bred sales, Bacon Hog Fairs and special swine meetings has also contributed to the welfare of the industry.

A comment from the report of the Agricultural Representative in Lennox & Addington is typical of the trend:

LENNOX & ADDINGTON—"In every case we tried to induce the breeders to purchase Advanced Registry boars, so that now the class of stock is of a very high standard. This quality shows in the number of selects that go to market. In the last four years, the number of selects has increased from about 10% to 27%."

The Agricultural Representatives in the counties of Essex and Kent co-operated with Federal and Provincial Live Stock Departments in staging the Tilbury Bacon Hog Fair. The Fair was attended by fully 150 swine producers and the project was a definite educational factor in focussing attention on the production of bacon type hogs. All commercial hogs were sold on a rail basis.

The County of Waterloo holds the envied position of leading all counties in that the hog feeders in that county marketed over 90% in the two top grades and also the highest percentage of selects. The number of hogs graded on the rail increased from 10,874 in 1936 to 22,291 in 1937. The breeding stock in this county is excellent, many of the producers maintaining Advanced Registry Stock. An active Advanced Registry Yorkshire Breeders' Club conducted their annual consignment sale and the prices received were quite satisfactory.

The Pig Marketing Survey was continued in co-operation with the Federal Live Stock Branch, ten per cent. of the boar owners in each county reporting to the County Agricultural Representative the number of sows bred. These figures were compared with previous years and an estimate made to the British Government on the approximate number of bacon and hog products that would be exported during the period.

POULTRY

The price of eggs did not keep step with the price of feed, with the result that poultry flocks were closely culled early in the season. In the spring, enquiries were received at the local Agricultural Representative's office concerning diseases in chicks, very often requiring a post-mortem before the disease could be diagnosed.

The Agricultural Representatives, in co-operation with the Markets Branch, have induced many producers to sell their eggs under the "O'Pep" brand, which has gained a reputation for quality and has returned a slight premium over and above the general market.

There is a tendency to keep a dual-purpose hen of the breeds that produce well and kill out satisfactorily. This has been more noticeable in the districts where poultry pools are operating.

The Agricultural Representative from Leeds County comments on the marketing of poultry through pools as follows:

LEEDS—"Dressed poultry marketing took an advance step during the year. All Leeds county Poultry Pools, together with a considerable volume from other districts, centralized their pack at Brockville by using the cold storage and plant facilities of a commercial firm. While most of the poultry was graded at pool points, as formerly, it was trucked to Brockville in baskets provided and there regraded after 24 hours in the cooling racks. The poultry was then carefully packed in improved standard boxes and a much superior packed product was possible than in former years. The result was that Brockville packed poultry consistently brought 1½ to 2 cents per lb. more than poultry from other points in Eastern Ontario which did not use this method. Over 55 tons of dressed poultry were graded and packed at Brockville."

Poultry Pools not only make satisfactory returns to the farmers but act as a stabilizing influence on the prices paid by buyers of private produce firms. They are also making the farmer realize the value of good breeding, proper finishing, killing, care and handling before marketing.

The Agricultural Representative in Lanark conducted a five-year project on stamping out pullorum in a district that was rather badly infected. After five years of blood testing, this area has been practically cleaned up. Hatcheries are now contracting most of these flocks for hatching eggs, doing the blood testing and supplying R.O.P. cockerels.

SOIL AND CROP IMPROVEMENT

Through different agencies, such as County Seed Fairs, seed cleaning plants, field crop competitions, variety and fertilizer field experiments and demonstrations, a greater interest is being displayed in the sowing of better seed grain, and the more general use of commercial fertilizers.

Soil testing has also developed to the point where it is considered by the better farmers as an essential procedure in efficient farming. Agricultural Representatives in 18 counties have been supplied with Thornton soil testing kits, which have been used considerably. Besides, many soil samples have been forwarded by the Agricultural Representatives to the Ontario Agricultural College, Guelph and the Kemptville Agricultural School, Kemptville for analysis and recommendations. Many farmers visit their local office to inspect the county soil map and to discuss the proper type of fertilizer to use on their farms.

Representatives in the following counties have soil testing kits:

Algoma, Brant, Bruce. Elgin, Grey, Haldimand Halton, Lambton, Lennox & Addington. Nipissing, Norfolk, Northumberland, Oxford, Peterborough, Rainy River, North Simcoe, South Simcoe, Welland.

Fertilizer Experiments

In co-operation with the Chemistry Department of the Ontario Agricultural College, Guelph, the Agricultural Representatives selected suitable fields and co-operators with whom to conduct fertilizer experiments.

The Agricultural Representatives also distributed the fertilizer to the co-operators and assisted in laying out the experiments. During the year 1937, 80 such experiments were conducted.

Agricultural Lime

The Lime Subvention Policy was utilized to the full extent of the funds available. Purchasers of lime applied to the local offices from which their requests were forwarded to the Crops, Seeds and Weeds Branch and a rebate paid on the freight rate. Altogether 141 cars were subsidized.

Seed Cleaning Plants

The use of good seed is steadily on the increase which is demonstrated by the installation of seven new seed cleaning plants in 1938. The Agricultural Representatives assisted in the establishment of these plants.

Nematodes

Further outbreaks of nematodes in a number of counties were reported. The Agricultural Representative is continually on the lookout for any new infestation and reports immediately to the Ontario Agricultural College, which has assumed responsibility for any investigational work carried on in connection with the project.

Weed Control

Each spring a meeting of the County Weed Inspectors, the Township Road Superintendents and municipal officers is held in each county, these meetings being called by the Agricultural Representatives, at which time a discussion of the Weed Act takes place and a plan of control for the coming season is discussed. A few Agricultural Representatives arranged for the carrying on of some experiments with Cyanamid to determine its effectiveness in the control of mustard.

Rust

Very heavy losses in grain yields were experienced in Ontario during 1937. This matter has become so serious that attention has been given to finding rust resistant varieties of wheat and oats. In co-operation with the Field Husbandry Department of the O.A.C. and the Cereal Division of the Central Experimental Farm, Ottawa, variety tests were conducted in a number of counties.

Spray Service

The Agricultural Representatives sent out spray service letters, advising the fruit growers the spray material to use and suggesting the time to apply the material for best results.

Tomatoes

Considerable work on tomatoes was carried on in Northumberland and Prince Edward Counties and the first field crop competition with tomatoes was conducted by the Cramahe Agricultural Society with 20 competitors taking part. Besides this, experiments were conducted in disease control, variety testing, fertilizers, breeding and selection and marketing. The Agricultural Representative assisted the special field officer from the Ontario Agricultural College in carrying out this work.

Potatoes

The yield of potatoes in 1937 was above average, but due to early frost, much of the crop was damaged and resulted in large quantities being dumped on the market that were not fit for consumption. As a result, the consumers turned towards Maritime potatoes and large quantities of Ontario table stock remained in the growers' hands.

In the potato growing areas a series of meetings was held at which time growers were encouraged to grow early maturing varieties, to use certified seed and to give more careful attention to the control of disease. The concensus of opinion of the growers was that some sort of rigid inspection of all potatoes going to market should be inaugurated.

Grasshoppers

Rather severe outbreaks of grasshoppers occurred in Algoma, Sudbury, Muskoka and Parry Sound districts. The Agricultural Representatives in these districts ordered supplies of Arsoda which was distributed to key-men who, in turn, delivered it to the farmers. This poison was mixed with a bran or sawdust mixture and spread in the path of the grasshoppers. The district of Algoma distributed over 1000 lbs. and Sudbury over 1500 lbs. When this poison bait was properly applied, the damage by grasshoppers was greatly reduced.

Plowing Matches

The Agricultural Representatives assisted with the plowing matches held in the various counties, usually in the capacity of Secretary. Some 69 matches were held in 1937, at which there were 1,857 contestants.

Farm Tours

During the past year 16 farm tours were arranged by Agricultural Representatives. A total of 1389 farmers took part.

Marketing

The Agricultural Representatives are continually trying to bring buyer and seller together. The commodities are varied. The request may be from an individual who wishes to dispose of breeding stock or it may be from a group representing a large volume of produce. Working in co-operation with the Farm Products Control Board, they arranged for meetings and generally assisted with the organization work of the various marketing schemes. During the past year they have assisted the following marketing organizations:

Ontario Cream Patrons' Association;
Ontario Cheese Patrons' Association;
Ontario Whole Milk Producers' Association;
The Asparagus Growers' Association;
The Tomato Growers' Association;
The O'Pep Co-operative Association;
County Poultry and Egg Pools.

They have also co-operated closely with educational and improvement county associations, such as the Corn Growers, Potato Growers, Seed Growers, Vegetable and Fruit Growers, Sheep Breeders, County Cattle Breeders' Clubs, Swine Producers and many others.

CONSERVATION AND REFORESTATION

The Agricultural Representatives co-operated very closely with and, in practically every case, were members of the County Conservation Committees. Organization throughout Ontario has been going ahead steadily and every county in the Province has a committee to study conservation and tree planting within its boundaries.

The province is divided into five zones, each with a Chairman, Vice-Chairman and Secretary. The zones are known as follows: Eastern Counties, Lake Ontario, Northwestern, Hamilton and Southwestern. During the month of March, zone meetings were held and members of the county committees and Agricultural Representatives attended and gave reports of the progress made during the past year. At a later date a Provincial Committee of fifteen, made up of the Chairman, Vice-Chairman and Secretary of each zone, was organized.

The following quotation was taken from the report of the Agricultural Representative in Oxford County:

OXFORD—"One of the first steps taken was to arrange for the compilation of a woodland census in each township, the information being taken by the assessors. As some of the assessors had already started their work before this plan was completed, some of these records were not completed last year and are being taken care of this season.

Out of the information so far compiled, one can size up the favourable attitude of public opinion toward reforestation work. On the basis of the work so far completed, there is evidence that between 700 and 800 property owners are ready to undertake windbreak planting. This year arrangements were made for the assessors to take along a supply of forest tree application forms, and a great many of these were sent forward.

When complete, the census will provide a very definite source of information for planning reforestation work on a larger scale."

At the present time there are 14 County Forests of 1000 or more acres, established under legislation which enables the County and Province to enter into long term co-operative agreements. These forests are situated in the following counties:

Dufferin	1
Grey	1
Northumberland and Durham	2
Prescott & Russell	1
Norfolk	1
Ontario	1
Simcoe	4
Victoria	2
York	1
	14

More than 125 municipalities have done some planting in school grounds, watersheds and demonstration plots.

In a number of counties the County School Inspectors and Agricultural Representatives prepared lessons on reforestation and tree planting, which were taught in the rural schools.

Examples of the work being done in the rural schools of Ontario are given in the following quotations from Annual Reports:
HALTON—"We arranged with the Forestry Branch to supply us with sufficient trees to distribute to our rural schools, so that each child could secure two trees for home planting. According to comments received, these trees did very well and we believe played a worthwhile part in promoting public opinion to the need of tree planting."
KENT—"To promote interest among school children, a contest was arranged which took the form of a questionnaire and short essay dealing with trees, tree planting and allied subjects. Prizes were offered to each school participating and grand prizes to the ten high ranking contestants. 77 children submitted papers, many of which reflected a lively interest and considerable discussion in the home."
OXFORD—"As one means of furthering the reforestation work the committee, with the co-operation of the Superintendent of the Forestry Station at St. Williams, distributed five small trees to each of the rural school children in the county. The idea was exceedingly well received by pupils, teachers and parents and the only objection came from those who did not have pupils at school. All told, 17,500 trees were distributed and arrangements have been made by the Agricultural Committee to repeat this experiment this year."
PERTH—"Lessons on reforestation were again forwarded to all schools, along with application forms for trees and instructions for ordering in bulk for the ratepayers of their respective sections. 78,782 trees were distributed through the schools in 1937."

In addition to municipal, school and county forest planting, the Forestry Branch received 6226 applications and forwarded 8,360,067 trees to individuals for windbreak and woodlot planting. Many of these applications were handled by the Agricultural Representatives who, in turn, forwarded them to the Forestry Branch.

DOMINION PROVINCIAL YOUTH TRAINING PROJECT

The National Employment Commission recommended to the Dominion Government that training and development projects for unemployed young people be carried out in co-operation with the various provinces, "for the alleviation of unemployment distress among young people resident within the Province and for the establishment, re-establishment and training of said unemployed young people in and for remunerative occupations."

The Province accordingly entered into an agreement with the Dominion to carry out a number of projects which were financed jointly. The Agricultural Representative Branch was charged with the responsibility of administering the "Rural Agricultural Training Project", which involved "Farm Placement and Training" and conducting "Agricultural Short Courses" for the unemployed youths who were to be placed on farms.

The original plan called for the placement of 455 unemployed young men from 18-30 years of age with farmers throughout the Province, on a basis of ten per county in Old Ontario and five in each District in Northern Ontario.

The following regulations were outlined:

1. Each trainee is to be placed for a period of about six months, from October 15, 1937 to March 31, 1938.
2. One trainee only is to be placed on a farm.
3. All unemployed young men are to be selected by the Agricultural Representative from within the County or District.
4. Each trainee so placed shall receive an allowance from the Province of $10.00 for each completed month of training.
5. Each farmer selected by the Agricultural Representative shall undertake to give adequate training and to provide board and lodging free in return for which he shall be paid at the rate of $10.00 for each completed month.
6. The Agricultural Representative shall be expected to maintain contact with each trainee by a follow-up service.
7. The farmer shall notify the Agricultural Representative if the trainee leaves or is discharged.
8. Trainees under this plan shall be restricted to those who express the intention of remaining in agricultural pursuits.
9. Each trainee shall be considered to be on probation and may be dismissed at the termination of two weeks' period if it is decided that he is not the right type or shows no interest in his work.

The Agricultural Representatives undertook to recruit suitable unemployed young men within their county or district for this special Farm Placement and Training Project. They were asked to exercise great care in regard to the farmers with whom the young men would be placed in order that they might be given adequate training. The Department desired that this project should not be regarded just as a farm placement scheme for the present period but should be regarded as a training project in practical farming.

The Representatives enlisted the co-operation of the Employment Service of the Ontario Department of Labour, the Reeves and Clerks of the various municipalities and Relief Officers, but unfortunately, as far as the scheme was concerned, very few unemployed young men between the ages of 18 and 30 years were available. Consequently, no placements were made until the beginning of November and some didn't commence the training period until near the end of December. No placements were made after the commencement of the Calendar Year.

All told, 114 young men were placed on farms in 25 counties in Old Ontario but in two counties only was the full complement of 10 placed. Because of conditions which prevailed, no placements were made in Northern Ontario. The training period, therefore, lasted from 3 to 5 months. Out of the 114 boys placed, 39 left prior to the end of the training period; some remaining for a few days only. A total of 75 trainees remained for the full period from date of placement. The success of the project from a practical standpoint depended upon the number of trainees who would engage in farm work at the conclusion of the training period. Records to date reveal that 49 out of the original number of 114 secured farm jobs.

A special two weeks' course in practical agriculture was held at the Kemptville Agricultural School, Kemptville, Jan. 31st to Feb. 11th, for the trainees from Eastern Ontario and at the Ontario Agricultural College, Guelph, Feb. 14th to 25th, for the trainees in Western Ontario. A total of 33 boys attended Kemptville and 55 Guelph.

Each trainee had his transportation paid from his nearest railway station to the course and return and also his board and lodging while at the course.

JUNIOR EXTENSION

Rural School Fairs

Rural School Fairs are a joint project carried on by the Departments of Agriculture and Education. While the general supervision and management is vested in the Agricultural Representatives, the Public and Separate School Inspectors assist in drafting the prize list and co-operate in the judging of exhibits and competitions dealing primarily with school work. The great amount of detail work in organization; the distribution of seeds, prize lists and entry tags; arranging for judges; securing of halls or tents; transporting of tables, poultry coops and other paraphernalia; and the clerical work in recording the results falls to the lot of the Representative.

Over 100,000 boys and girls were given seeds in the spring of 1937 to plant on the home farm and they expected to exhibit some of the produce at a fair in the fall of the year. Unfortunately, owing to a serious outbreak of poliomyletis in Ontario, the majority of the Rural School Fairs were cancelled by order of the Public Health officers. However, in some sections where the disease was not prevalent, School Fairs were held as usual. Of the 522 Rural School Fairs organized, only 244 School Fairs were held. At these fairs an educational programme was carried out, along similar lines to that of previous years. The Rural School Fair seems to be a "red letter day" for boys and girls in the rural districts and parents and ratepayers are apparently vitally interested.

Boys' and Girls' Club Work

The extension programme as it applies to boys and girls between the ages of 12 and 20 years continues to hold its popularity and is making splendid progress. Club work is a provincial responsibility. The organization and supervision is undertaken by the Agricultural Representatives and they the supported by grants from the Live Stock and Crops Branches of the Ontario Department of Agriculture and the Federal Government. Each local club is usually sponsored by an Agricultural Society, service club or other organization which contributes one third of the prize money.

The purpose of club work is to provide a training for the young people on the farm who have left the public schools. The aims are to improve farm live stock, crops or poultry by introducing good animals or seed to the farms through the club members. Each club member must have an animal or plot of his own before he can comply with the rules and regulations. He must also attend meetings and write an examination. The basis of awards for Calf Clubs, as outlined, gives an example of the stress placed on the educational aspect:

400 points for award on calf at the club fair or achievement day.

300 points for judging competition, answers to questions and showmanship.

- (a) 100 points for judging competition. Each competitor will be required to judge at least one class composed of four cattle and give reasons for his placing.
- (b) 100 points for answers to ten questions based on club work and feeding and management of dairy or beef cattle, as the case may be.
- (c) 100 points for showmanship—the condition of the animal and the manner in which the club member shows his entry in the ring.

300 points for Junior Stockmen's Award:

- (a) 100 points for care and feeding methods noted at time of periodic visits made during the season.
- (b) 100 points for regularity and accuracy in forwarding monthly reports.
- (c) 100 points for attendance and interest shown at meetings and judging classes.

The comments of some of the Agricultural Representatives regarding club work are interesting and are given below:

Carleton: "The writer is sold on the value of club work and feels it should have a place in every well balanced County Extension programme—its extent depending on the County. Some splendid young live stock men and field crop men are being developed through club activities.

Grey: "One of the outstanding results of club work in this district is that secured by Harold Atkins. Of the five calves which he had in club work, four of them at least are being retained in the herd at home. They are the best animals in the herd."

Lanark: "Last year in Calf Clubs, we had 18 Holsteins, 6 Ayrshires, 8 Shorthorns and 3 Herefords. The Calf Clubs have had a real effect in improving the live stock in the County. Our Ayrshire county herd which stood in second place at the Ottawa Winter Fair, was a direct result of Calf Club work. The number of new herds, herds on R.O.P. of good sires replacing common ones as a result of club work, is very gratifying."

In 1937, there were 267 clubs organized with 4,284 boys and girls enrolled.

	No. Clubs	Membership	Average Age of Contestants
Calf Clubs	74	1,210	15½
Swine Clubs	6	82	16¾
Foal Clubs	50	779	16½
Poultry Clubs	4	77	15
Grain Clubs	44	765	17
Potato Clubs	28	503	16½
Boys' Garden Clubs	18	252	14½
Girls' Garden and Canning Clubs	42	597	16
Tomato Club	1	19	17

ONTARIO INTER-CLUB COMPETITIONS

Previous to naming the teams to represent Ontario in the National Club Contests at the Royal Winter Fair, an elimination contest was held at the Ontario Agricultural College, Guelph, for the following projects: Dairy Calf, Beef Calf, Swine, Foal, Grain and Potato Clubs. The opportunity to represent their Club in this competition is considered a distinct honour by the club members. It provides an opportunity to many boys to visit the Ontario Agricultural College and the programme is of an educational nature.

Inter-Club Competitions:

Project	No. teams competing	Winning Club Team	Team Members
Dairy Cattle	28	Brampton Calf Club	Kenneth Ella, Brampton Douglas Jefferson, Malton
Beef Cattle	13	Ilderton Calf Club	Clinton Irwin, Ilderton Newton Hall, Ilderton
Swine	6	North Simcoe Swine Club	Lloyd Cumming, Barrie Morris Darby, Waverley
Foal	26	Ilderton Foal Club	Calvin Carmichael, Ilderton Mason Fletcher, Ilderton
Grain	18	Durham Senior Grain Club	Moward Millson, Enniskillen Fred Martin, Hampton
Potato	14	Durham Senior Potato Club	Allan Beer, Bethany. Edward Brown, Bethany

National Club Contests

Ontario was represented in the National or Inter-Provincial Club Contests as sponsored by the Canadian Council on Boys' and Girls' Club Work at the Royal Winter Fair, in the following projects: Dairy Cattle, Beef Cattle, Seed Grain and Seed Potatoes. The following table shows the number of teams competing in the various projects and Ontario's standing at the Royal:

Project	No. Provinces competing	Ontario's standing
Dairy Cattle	6	Third
Beef Cattle	5	First
Grain	5	Second
Potato	4	Second

SHORT COURSES IN AGRICULTURE

Special Short Courses in Practical Agriculture have a direct appeal to farm boys who through necessity cannot be spared from farm work to attend a longer course at an agricultural college or school. These courses are planned to reach the different communities and are itinerant in the counties so that every few years a course will be available to practically every rural boy. These courses are conducted upon the request of the local people who supply the accommodation, the Department supplying the instructors.

Last year courses were held during the winter months as follows:

Old Ontario	No. Held	No. Students Enrolled
One Month Courses in Agriculture	28	1,012
Three Month Courses in Agriculture	9	305
Special One Week Courses in Agriculture	10	710
Northern Ontario		
One Month Courses in Agriculture	1	16
Two Week Courses in Agriculture	4	141
One Week Courses in Agriculture	7	363

Junior Farmer Associations

To provide an opportunity for further study and a medium of organization to retain the students of the Short Courses as a group, Junior Farmer Associations are usually formed at the conclusion of the Short Courses and continue to carry out educational and social programmes which prove beneficial to the individual members and also to the community. Some of the projects conducted by such groups in 1937-38 were as follows: stock and seed judging competitions, seed fairs, plowing competitions and matches, junior departments at Fall Fairs, planting of Junior Farmer forests, experimental and demonstration work with grain, potatoes and fertilizers, weed control, debating leagues, public speaking contests, musical festivals, dramatic contests or plays, athletic contests, social activities and educational tours.

There are in Ontario 126 Junior Farmer Associations with a membership of 2,482.

Junior Farmer Plowing Competitions

Plowing competitions appeal to the Junior Farmers because they are one form of contest that requires skill and the actual practise of doing the work themselves. Home plowing competitions and junior matches, usually preceded by a demonstration given by some well-qualified plowman, provide excellent elimination contests for the selection of a team of three Juniors to represent their County at the International Plowing Match.

Twelve Home Plowing Competitions and 12 Junior Plowing Matches were held during the past year.

Twenty-one teams of three boys each entered the Inter County Plowing Contest conducted at the International Plowing Match at Fergus.

Judging Competitions

The ability to evaluate an animal or product in comparison with others is a necessary business training for successful farming and judging competitions offer an excellent medium for this training. The opportunity to try one's skill in competition with others also has an appeal to youth.

Last year, 1,718 young men took part in live stock judging competitions in 42 counties.

An attractive prize list is provided for judging competitions sponsored by Fair Boards at Class A exhibitions. The competition is supervised and judges supplied by the Ontario Department of Agriculture.

Exhibition	**No. Entries**
Canadian National Exhibition, Toronto	365
Central Canada Exhibition, Ottawa	281
Western Fair, London	134
Peterborough Industrial Exhibition	124
	904

At the 13 Class B Fairs in the Province, a special programme was arranged for young men in judging competitions, rope and halter work and inter club calf and colt contests. The Agricultural Representatives played quite a large part in supervising the junior sections of these Fairs and much interest was aroused amongst the young men of the district.

Inter-county competitions open to teams of three young men are featured at the Royal and Ottawa Winter Fairs. At the Royal Winter Fair, Grenville County team won the Jeffrey Bull Memorial Trophy in live stock judging; while at the Ottawa Winter Fair, Carleton County won the Ottawa Winter Fair Trophy for live stock judging and Renfrew County won the Nettleton Challenge Trophy for seed judging.

Exhibition	Type of Competition	Counties Competing
Royal Winter Fair, Toronto	Live stock	37
Ottawa Winter Fair	Live stock	10
Ottawa Winter Fair	Seed	11

Chicago Trip Winners

Each year outstanding juniors or leaders in a number of counties are selected to attend the Boys' and Girls' Club Congress in Chicago. A substantial donation towards defraying the expenses of those attending is given by some local industry or group or service club. At the Congress, Ontario's young people have an opportunity of meeting similar groups from every State in the Union and in this way a friendly unity is created between the two countries. Last year seven girls and six boys attended the Club Conference.

CROPS, SEEDS, AND WEEDS BRANCH

During the fiscal year of 1937 the work of this Branch consisted of inspecting, repairing and installing new seed cleaning plants; supervising, paying prize money and expenses of the International Grain and Hay Show at Chicago; purchasing and shipping the necessary seed grain for Northern Ontario and other districts; directing the work of the lime subvention policy; assisting and paying grants to District Seed Fairs; the purchasing and inspection of feed hay for Algoma district; the carrying out of chemical experimental work on the control and eradication of noxious weeds; the inspection and registration of threshing mills; the supervising and appointing of local and district weed inspectors and a general educational programme in crop improvement.

SEED CLEANING PLANTS

The policy of assisting power seed cleaning plants was carried on during 1937. Eleven new and up-to-date plants were established at the following places:—West Lorne, Lucan, Mitchell, Drumbo, Whalen's Corners, Orangeville, Wales, New Liskeard, Ohsweken, Ridgetown and Bloomfield. Together with these new plants several older established plants were brought up-to-date with new and extra machines.

The following table will show by county where these seed cleaning plants are now operating:

BRANT COUNTY
Paris
Ohsweken
St. George

CARLETON COUNTY
Carp
Dunrobin
Richmond
xKinburn

COCHRANE DISTRICT
xHearst
xKapuskasing

DUFFERIN COUNTY
Orangeville

DUNDAS COUNTY
Winchester

ELGIN COUNTY
West Lorne
Shedden

GLENGARRY COUNTY
Maxville
Martintown
Lochiel
Bainsville

GRENVILLE COUNTY
Kemptville
Spencerville
Jasper

GREY COUNTY
Dundalk
Chatsworth

HALTON COUNTY
Milton

HASTINGS COUNTY
Shannonville
Foxboro

HURON COUNTY
Ben Miller

KENORA DISTRICT
xOxdrift
KENT COUNTY
Ridgetown
Dresden
xChatham
LAMBTON COUNTY
Wyoming
Florence
xSarnia
LEEDS COUNTY
Athens
LANARK COUNTY
Yarker
MIDDLESEX COUNTY
Wardsville
Parkhill
London
Ilderton
Lucan
NIPISSING DISTRICT
Sturgeon Falls
NORFOLK COUNTY
Boston
ONTARIO COUNTY
Uxbridge
OXFORD COUNTY
Woodstock
Thamesford
Norwich
Culloden
Hickson
Innerkip
Drumbo

PERTH COUNTY
Mitchell
Whalen
PETERBORO COUNTY
Peterboro
PRESCOTT COUNTY
St. Isidore
Plantagenet
Vankleek Hill
PRINCE EDWARD COUNTY
Bloomfield
RAINY RIVER DISTRICT
xEmo
RENFREW COUNTY
Renfrew
Beachburg
Cobden
Arnprior
Douglas
xPembroke
RUSSELL COUNTY
Embrun
St. Pascal
SIMCOE COUNTY
Elmvale
Alliston
xBarrie
STORMONT COUNTY
Avonmore
Wales

TEMISKAMING DISTRICT
New Liskeard
Earlton
Travelling Plant
THUNDER BAY DISTRICT
Murillo
WATERLOO COUNTY
Baden
Hespeler
Bridgeport
WELLINGTON COUNTY
Guelph
YORK COUNTY
Aurora
Markham

x indicates plants cleaning seeds for farmers which have not been Government subsidized.

There are now 74 of these plants that have been established under Government assistance. There are also nine more privately owned plants equipped and operating in the same way.

It is estimated that from July 1937 to June 1st, 1938 these plants have cleaned 1,000,000 bushels of seed grain and 5,000,000 pounds of clover and grass seeds, and have cleaned seed for 12,000 farmers.

INTERNATIONAL GRAIN & HAY SHOW, CHICAGO

Assistance was given at this show in the form of special prizes for all exhibits from Ontario.

Exhibits were collected at Guelph and Essex and forwarded to Chicago under the supervision of an official of the Department of Agriculture at the expense of this Branch. Freight and express charges were paid on these exhibits.

From a total of 98 entries, 82 prizes were won including 2 championships, 2 reserve championships and 10 first prizes. Eleven other Ontario farmers won special cash prizes in their classes.

SEED GRAIN PURCHASED FOR NORTHERN ONTARIO

The purchasing of seed grain and seed potatoes for the following districts in Northern Ontario was carried out by this Branch—Kenora, Rainy River, Thunder Bay, Algoma, Sudbury, Nipissing, Timiskaming, Cochrane, Parry Sound, Muskoka, Manitoulin, North Renfrew and Haliburton.

The total value of this seed was $51,642.90 and the total number of bushels of each were:—41,580 bushels of oats; 6,562 bushels of barley; 284 bushels of wheat, 266 bushels of peas and 4,449 bushels of potatoes.

All the grain purchased by the Government for this distribution was graded according to the Canada Seeds Act, and none lower than a No 1 for purity of weed seeds was bought. This seed grain and potatoes were distributed to 3,000 farmers. Here again, as in the 1936 distribution, not one complaint was made by this large number of farmers re the quality of the seed received.

The Dominion Seed Branch of Ottawa gave every co-operation to this work. This was greatly appreciated by this Branch, and the farmers.

The distribution was in the hands of the Agricultural Representatives who are fully qualified to see that all seed was suitable. In the two years these men took charge of this work not one complaint was received.

LIME SUBVENTION POLICY

The lime subvention agreement between the Provincial and Dominion Departments of Agriculture and the Canadian National, Canadian Pacific and associated railways which was inaugurated in 1931 was continued.

Under this agreement the railways reduced the freight on car shipments of agricultural limestone approximately 25%. The Dominion and Provincial Departments jointly paid 50% of the remaining freight up to a maximum subsidy per ton.

During the year 141 cars of ground limestone were moved under this plan going to the following counties:

Algoma	2 cars	Norfolk	2 cars
Brant	1 car	Ontario	3 cars
Bruce	9 cars	Oxford	2 cars
Elgin	4 cars	Peel	2 cars
Essex	13 cars	Perth	5 cars
Grey	6 cars	Simcoe	2 cars
Halton	5 cars	Sudbury	5 cars
Huron	16 cars	Thunder Bay	2 cars
Kent	3 cars	Waterloo	1 car
Lincoln	8 cars	Welland	10 cars
Middlesex	4 cars	Wellington	5 cars
Muskoka	1 car	Wentworth	11 cars
Parry Sound	2 cars	York	17 cars

DISTRICT SEED FAIRS

Grants totalling $900.00 were paid by this Branch to the following fairs:

Western Ontario Corn & Seed Exhibition, Chatham	$350.00
Ottawa Valley District Seed Fair, Cornwall	200.00
Quinte District Seed Fair, Peterboro	150.00
Essex Corn & Seed Show, Essex	100.00
Lambton County Seed Fair, Petrolia	100.00

The above grants have been to a great extent the means of keeping these shows in existence during the last few years of strenuous times. Every one of them have been well and properly managed, with the result that even last year when our grains were not a good sample every one of the above seed fairs increased their number of exhibits.

These fairs held in conjunction with public meetings are proving a wonderful medium by which the farmers get together, discuss their seed problems and purchase their seed requirements.

More of such fairs held each year would, with out a doubt, improve the grain production of Ontario.

PURCHASING HAY FOR ALGOMA DISTRICT

Owing to serious dry weather during May, June and July followed by a grasshopper plague in that part of Algoma District from Blind River to Sault Ste. Marie, the Department found in order to retain the livestock, especially the dairy herds, it was necessary to give some assistance to the farmers to secure cow hay at reasonable prices. The project was turned over to this Branch. Some 5,631,285 pounds of hay were purchased in the Owen Sound and Hamilton Districts and was shipped to such points as included in the following table:—

Desbarats	53 cars	1,302,175 pounds	651 tons
Thessalon	57 cars	1,406,335 pounds	703 tons
Sault Ste. Marie	33 cars	849,730 pounds	425 tons
Bruce Mines	21 cars	532,150 pounds	266 tons
Dean Lake	15 cars	368,355 pounds	189 tons
Blind River	14 cars	350,335 pounds	175 tons
Portlock	13 cars	318,275 pounds	159 tons
Dayton	11 cars	276,900 pounds	138 tons
Bar River	6 cars	149,690 pounds	75 tons
Livingston	3 cars	77,340 pounds	39 tons
TOTALS	226 cars	5,631,285 pounds	2,821 tons

Each car of hay was inspected as loaded by an official of the Branch to make sure reasonably good material was being shipped.

The hay was shipped only to individual farmers and Farmer Clubs. The distribution at destination was supervised by J. M. MacIntosh, Agricultural Representative at Sault Ste. Marie, who made an exceedingly good job of it.

Through A. W. Walker, Superintendent of Freight Department, Canadian Pacific Railway, Toronto, the Department was able to secure a special freight rate, on this hay, which worked out practically a three way freight rate, the C.P.R. reducing their regular tariff $2.00 per ton, which was greatly appreciated, the farmers paying $2. and the Department paying $2.50 per ton.

WEED CONTROL

No change was made in the Weed Control Act of 1935, therefore, the administration was carried on during 1937 similar to that of 1936.

The municipalities of the Province engaged 980 weed inspectors, and from the reports of these men, indications are that their Councils are becoming more sympathetic and interested in weed work, yet there are still too great a number of Councils who evidently are evading their responsibilities in this respect.

During the peak load of the weed work, eight District inspectors were working long hours each day to keep up with the calls of local inspectors for assistance and advice. Two of these District Inspectors were located in Northern Ontario and the other six in Old Ontario. Two of these six spent most of their time carrying on chemical work.

The Branch conducted special work on such plants as Dodder, Leafy and Cyprus Spurges, Bindweed and Perennial Sow Thistle.

During the spring seeding, samples were taken from the seed drills of 150 farmers in Essex, Kent and Haldimand counties to ascertain, if possible, if many farmers were sowing Dodder seeds in the grain and clover seedings. All these samples were tested by the Dominion Seed Laboratories, Toronto. Out of the 150 tests very few showed trace of Dodder Seed.

Leafy and Cyprus Spurges are on the increase in the Province in spite of instructions to all Local and District Inspectors that they must not allow one patch to be left to seed. The trouble here is, that very few of the farmers or local inspectors know the spurge plants when they see them, hence, it is difficult for the Department to find them and have them destroyed.

Bindweed is increasing all over the Province, and the reason is the same as that of the Spurges. Kent County as usual is putting on a better fight to control this weed.

Perennial Sow Thistle is on the decrease, especially in Old Ontario. The main reason is that practically every farmer and weed inspector recognizes it, know its habit of growth and propagation, and work to control it.

During the year this Branch held over 50 weed meetings, 40 of them being county meetings where each Municipal Council was invited to attend together with all Weed Inspectors, Road Engineers and Supervisors.

All Inspectors were supplied with weed bulletins, notice books, etc. Press items, circular letters and every means possible were undertaken to keep before the people the importance of weed eradication and control.

The following statistics are taken from the year's reports of both the rural and urban municipal inspectors.

A total of 669 rural and 330 urban weed inspectors were engaged in 1937. The number of days put in by these inspectors were 10,060 by rural and 4,631 by urban. The city, town and other urban municipalities of Ontario report they spent $16,492.85 for weed inspectors' salaries in 1937, while the rural municipalities report $28,104.90 in salaries or a total of $44,597.75. The cities, towns and villages claim they spent $31,930.00 in cutting weeds. Rural inspectors report making 12,021 visits while the urban centres report 14,406 visits. Official notices served by rural inspectors are given as 2,596 with 15 prosecutions. The number of acres of crop cut for weeds reported were 5,445, while on pasture lands some 10,478 acres were cut, also 2,205 acres were sprayed with chemicals. Reports indicate that 1,400 miles of roads were sprayed with chemicals and that 300-000 pounds of chemicals were used in Ontario last year.

WEED CONTROL BY CHEMICALS

During 1937 experimental work was conducted with sodium chlorate and several other commercial preparations to ascertain their comparative efficiencies at varying rates of concentration. The recommendations contained in Bulletin 381, published in 1937, regarding the most suitable chemicals to use, were again verified. Several minor changes in rates of concentration of sodium chlorate will be set out in future recommendations.

Much experimental work was carried on particularly in the eradication of "Field Bindweed" (Convolvulus Arvensis L.) or as it is frequently called "Wild Morning Glory". An attachment to a power sprayer was an excellent improvement in the type of machine previously used for spraying this weed. More uniform work was the result. The chemical was applied in the form of a finer spray with a consequent saving of material and increased efficiency. Less man power was also necessary than was the case when using previous types of machines. A considerable saving was also effected by the addition of a centrifugal pump which has a filling capacity of about 100 gallons per minute. Large sized supply tanks of 300 to 600 gallons can be filled in a very few minutes, thereby, eliminating much waste of time filling and refilling. The cost of spraying this weed was reduced to from twenty-three dollars to thirty dollars per acre for solid infestations. This is a marked contrast to previous figures of $75.00 to $100.00 per acre.

A considerable area of roadsides was chemically treated for the eradication of "Leafy" and "Cypress Spurges". It is the only method to be recommended for their eradication. Owing to the great expense incurred by this method, municipalities are advised to stamp "Spurges" out at their first appearance, thereby eliminating what may be a prohibitive cost for extensive areas. Results of spraying brush and weeds on roadsides in 1936 were observed in 1937. Satisfactory kills had been obtained at costs slightly in excess of those required for cutting and mowing. Further experiments were conducted during the year particularly with different types and designs of machines for more economical and effective spraying. An endeavour is being made to perfect a machine for the mechanical spraying of roadsides, the idea being to reduce the cost and do more thorough work.

Rough pasture experiments were also conducted in Eastern Ontario. Areas badly infested with weeds such as "King Devil", "Orange Hawkweed", "Ox-eye Daisy", "Canada Thistle", and "Blue Weed" were sprayed at a cost of $2.30 per acre. Good results were obtained. The grass stand was not affected. It is now free from weeds.

Every effort is being put forth to reduce the cost of weed eradication by chemicals. Substantial progress has been made in this regard. More efficient machines have been perfected with which to apply the solution. Chemicals have been greatly reduced in price. There is, however, room for further reduction in cost by this method of weed eradication. It is imperative that everything be done by way of research and experimentation to secure a chemical that is cheaper and if possible, more effective and safer to use than sodium chlorate.

THRESHING MACHINE REGISTRATION AND INSPECTION

Three years ago legislation was included in the Weed Control Act which made it compulsory to register every threshing machine in the province whether it was for private or public use, and to clean all equipment before moving. The result has been a marked improvement in the condition of the machines travelling over public roads. Manufacturers are cooperating in many ways and are putting larger weed screens in their machines and more threshers each year are making inquiries as to the proper type of screens to use. One of the direct causes of our weed problem today has been the dirty threshing machine as it has been responsible for spreading weed seeds along roadsides and from farm to farm.

One of the duties of the Weed Inspector is to see that these provisions of the Act are adhered to within his municipality. When this legislation was brought into force many threshers were against it but are beginning to realize the full value of it because fewer weeds means better crops and more revenue for the thresher.

There were 6,518 machines registered in 1937, 1,807 of which were not operated for hire.

GENERAL CROP IMPROVEMENT

Aside from the work already mentioned in this report, which is fundamentally crop improvement work, this Branch pays grants to seed fairs, supports certain crop experiments, offers prize money to Boys' and Girls' Grain and Potato Clubs, supplies speakers for short courses and farmers' meetings; distributes literature on the control of smuts and cleaning grain; gives demonstrations on setting up and operating farmers' fanning mills; co-operates with the Canadian Seed Growers' Association and other organizations, and encourages farmers to buy better and cleaner seed.

ONTARIO COMMISSIONER OF MARKETING

As well as the regular work of promoting agricultural cooperative marketing and endeavouring to solve problems as they arise in the commercial field this office is engaged in a number of special activities working toward improvement of the primary producer's position. Some of those undertaken in relatively new fields are of interest.

COOPERATIVE COMPANIES INCORPORATED

By arrangement with the Companies Branch, Provincial Secretary's Office, five cooperative companies in Ontario were incorporated during the past year. This makes a total of eleven cooperative companies incorporated by this office since this service was instituted two years ago. The cooperatives incorporating in 1937 were:

The Mount Forest District Cooperative Company,
The Ontario Peach Growers' Cooperative Company,
The St. Catharines Peach Growers' Cooperative Company,
The Temiskaming Producers' Cooperative Company,
The Grimsby Beach Growers' Cooperative Company.

The work of the office also includes considerable correspondence with officials of farmer cooperative marketing and purchasing Companies and Associations.

In view of the provisions of Part XII (Cooperative Section) of the Ontario Companies Act and the annual financial returns of each cooperative company or association suggestions are made, on request, regarding matters of policy, management and co-ordination of activities generally.

Due to the expansion which is taking place in the cooperative movement enquiries and correspondence requesting assistance with a view toward organization and incorporation at a minimum of expense are constantly increasing.

Ontario Cheese Producers' Association

The success of this organization is one of the outstanding developments of the Ontario dairy industry in the past few years. The Association's business is managed by an Executive Committee of the Directors, five in number, who represent by districts, the different counties in which cheese is commercially produced, twenty in number. County Directors are elected by the Presidents of the cheese factories, some 700 in all while the Presidents in turn are elected by the cheese factory milk producers, some 20,000 in all. The organization of the Association can thus be seen to be as democratic as possible.

The activities of the Association have been reported on at length in past years. It remains only to summarize briefly the outstanding developments of the 1937 season.

The energies of the Association were largely devoted to maintaining its commercial representative in the British market for the general purpose of promoting a better demand at higher prices for Ontario cheese exported. The representative keeps the producers and factories advised of market conditions and assists in reducing the spread in price fluctuations. The representative also opens up when possible, alternative channels of direct cheese export from Ontario factories to the British market.

Last year was the Association's first experience in handling experimental shipments of cheese in commercial volume. Some 14,891 boxes of cheese (approx. 90 lbs. each) were purchased at top local cheese board auctions from which sales were made in England totalling $223,585.87. A gross profit, after the cost of goods and all incidental handling charges to point of destination, was shown of $2,394.01 from which it can be seen that producers obtained the greatest benefit from the experiment in the original price paid for the cheese.

NORTHERN ONTARIO MARKETING

The development of markets continues as the major problem facing agriculture in Northern Ontario. As reported a year ago a start was made in 1936 on a programme of adjusting production in this area to market requirements. Considerable progress may be reported in the year just ended aided by the appointment during the season of an Agricultural Markets Promoter for the Rainy River and Thunder Bay District in addition to the one serving the Temiskaming and South Cochrane District for the past two years. Some of the chief accomplishments by the two Markets Promoters in the past year are as follows:—

(1) *Temiskaming and South Cochrane Districts*:

The three important crops, hay, seed, and potatoes, failed to produce any great revenue for the farmers of this district. The first two, though high in price, lacked any volume, while the latter had volume enough to glut the local markets.

Feed oat prices were good in the autumn of 1937 and one car was loaded at that time for Timmins. Since then prices reached fairly low levels and farmers were not anxious to sell. Much of the oats is suitable for seed and farmers are catering to this market when it opens.

Hog and cattle prices improved during the winter and stocks are fairly
month at a price equal to that paid at Toronto. Besides this outlet a market
well cleaned up. Timmins continued to take one to two cars of hogs per
month at a price equal to that paid at Toronto. Besides this outlet a market
at North Bay took one to two loads per week. Cattle were mostly shipped
to Toronto. Among these were the reactors to the test to make the Temiskaming District a "T.B. Restricted Area."

Some time was spent in the Matheson area organizing the blueberry association there. A plan of operation was drafted and application made for incorporation of the Association, formed the previous year, to be known as the "South Cochrane Blueberry Pickers' and Shipers' Association." This Association proposes to control the picking of berries and the semi-cultivation of the area east of Matheson. Only four refrigerator freight cars of berries were shipped out this year against seven the previous year. The equivalent of many carloads, however, was transported by trucks. The crop was better than that of 1936.

Temiskaming farmers annually have special reduced freight rates on the T. & N. O. Railway to Northern points for certain produce when their bills of lading are signed by the Markets Promoter. The Markets Promoter met the Railway Board again to present the farmers' case for 1938 and as a result these special rates remain in force for another year.

Some twenty-two farmers' meetings were attended and addressed during the year. Many articles were contributed in the local press relative to the marketing of farm produce.

Sales of farm produce arranged or completed by the Markets Promoter during the year totalled $18,949.00.

The Temiskaming Producers' Cooperative Company, Ltd., New Liskeard, Ont., was organized by the Markets Promoter and the first meeting of the Provisional Board of Directors held on August 27, 1937.

This Cooperative Company was organized for the purpose of processing, storing and marketing local farm produce. A charter was obtained under the Ontario Companies Act with a capital of $25,000.00, divided into 2,500 shares of $10. each. Sale of stock was mostly confined to certain business men of the town and those farmers who actually used the facilities and for which provision was made to deduct 5% from the sale of their produce until one $10. share was fully paid up. Each farmer must subscribe for at least one share. At the end of the year the Cooperative had 132 shareholders; of which 73 are fully paid up, 21 are partially paid up and 38 have subscribed for stock only. Membership is growing.

A seed cleaning plant was installed by the new Cooperative Company and began operating late in the year. Equipment consisted of the following machines: one Plessisville No. 150 cleaner and scourer with 35 screens, one No. 1518 Agric. type Carter Disc Separator for oats and barley. The plant is doing a steady business and several carloads of grain have been prepared for seed. At least one, or possibly two cars, will be held here for shipment to Northern points.

The new Cooperative Company also made a start in grading farmers' eggs, packing them in one dozen cartons and shipping to Timmins, Ont. A suitable candling room with space for plenty of storage has been provided.

The Markets Promoter was advised on September 1st, 1937 that he had been appointed Fruit and Vegetable Inspector Grade No. 1 for the New Liskeard district. It was felt that the Promoter should have the status of an Inspector to help enforce better grading of local produce.

Several merchants and wholesalers took advantage of this service to have produce graded and in some cases to have outside produce degraded to its proper grade before being offered for sale. The Promoter, now an official Inspector under the Act, may pass on any lot of produce and may detain any inferior lot being offered for sale.

(2) *Rainy River and Thunder Bay District:*

The Agricultural Markets Promoter for this region was not apointed until late in the summer and during the winter this officer was on loan for agricultural short course work in Southern Ontario. As a result, only a start has been made on the marketing programme in North-western Ontario. Despite the delay and interruption to the work the accomplishments of the first year were substantial.

By bringing buyer and farmer together, direct, a definite record of over $16,000. worth of business was transacted. This does not include indirect sales, such as assistance in the distribution of approximately 5,000 tons of hay to drought areas, giving information as to location and quotations on various farm products and putting buyers in touch with sellers.

In the fall of 1936 the prevailing price for hay in the Thunder Bay District was $8. or $9. per ton. In the same period, 1937, it started to move at $10. to $11. per ton. Farmers who baled first, were located and advised that market conditions warranted a higher price. As a result, farmers held, and the price level soon advanced to $15. In February, 1938, average quality hay sold for $19. per ton. On the estimate of 10,000 tons available in this territory an additional $40,000. at least was obtained for the hay.

Another example concerned potatoes. It was pointed out to the larger growers that freight rates from Winnipeg or outside points would not warrant potatoes being brought in to this district for less than 90c per bag. As a result local growers increased their prices from 15c to 25c per bag. This kept the general price level up that much higher. The total potato production in the Thunder Bay district is estimated at 250,000 bags.

In previous years, a limited number of buyers of clover seed, visited the Rainy River and Kenora Districts. Although prices received were usually fair it was thought more competition in buying would tend to bring the price still higher. With this in mind, 141 letters were sent out to seed buyers in Canada and the United States, to advertise the District as a centre of certified seed supply. As a result, enquiries and buyers were plentiful and the prices realized were satisfactory. Approximately 500,000 lbs. were exported to the United States alone at prices higher than the previous year. As buying was keen it is expected many will again return as purchasers in future years.

An endeavour has been made to have as many farmers as possible start on the production of the Chippewa variety of potatoes. Encouragement has been given to have these stocks kept certified, so that a large quantity of Northern grown certified seed from this favourable variety will be available in future years and the general standard of the potato crop raised. To-date approximately 40 farmers in the District intend to grow this improved variety next year.

The Canadian Lakehead Exhibition, Fort William and Port Arthur, Ont., in its desire to promote agricultural development, nominated a commitee of its officers to meet with the Markets Promoter to discuss ways and means of improving the production and marketing of farm crops in this district. Representatives of the Lakehead wholesalers, retailers, Chambers of Commerce, City Councils, Service Clubs, and farmers, were invited to attend a meeting in March to have the different views expressed and a policy drafted. With this as a basis it is hoped to commence a constructive and long range programme in 1938.

First Cooperative Packers' of Ontario

This, the only farmers' cooperative abattoir, meat packing and bacon curing plant in Ontario, continued last year the substantial recovery that developed in 1935 following the drastic reorganization of the Cooperative's affairs in 1934.

At this time the Cooperative is one of the first ten companies in Ontario doing a business of over $1,000,000. annually in this line of industry.

1937 witnessed an increase over 1936 of 22% in hog slaughterings, 30% in cattle slaughterings, 21% in lamb slaughterings, 29% in calf slaughterings and 22% in the total of all slaughterings.

Sales for the fiscal year increased 26% in value and 24% in tonnage and the proportion of export business to total tonnage was 41%.

Capping a year of splendid progress came the announcement by the Directors that the first dividend in the Cooperative's history had been declared. The dividend, which was a commodity one, amounted to 25c per each rail graded member's hog handled throughout the year. This declaration distributed some $2,700. among the members of the Cooperative. The balance of debts to shareholders on account of holdbacks accruing during the first few months of operation in 1931 in order to raise working capital was also discharged to the amount of some $3,000.

Ontario A-1 Cooperative Egg Producers' Association

This office continued to direct the organization and operations of the Ontario A-1 Cooperative Egg Producers' Association as reported in detail in previous years. The membership of the highest class commercial egg and poultry farm producers, now totalling approximately 200 out of some 300 eligible producers under the Dominion Department of Agriculture's A-1 licensing plan, is purely voluntary and the volume of eggs handled is increasing. The Association's efforts have been self-financing from the start and the poultry producers participating have received some $20,000. additional money in premiums over 'spot' market prices for their eggs marketed in this way over the past four years.

Advertising, store cards, radio work, other publicity and all expenses have been paid for out of the Association's funds from the commencement of operations.

O'Pep Cooperative Association

The long continued unfavourable ratio between cost of production and prices for eggs has given farmers and poultrymen concern for some years. This office, following its special study reported last year to develop a plan of marketing so as to give a better net return to those producers who were carrying larger than average poultry flocks as a major line of farm activity, decided to put the plan in operation this year.

A special officer was appointed to the staff early in 1937 who worked out the details of the sales arrangement which was later submitted to a meeting of representative producers. The whole plan was accepted and a cooperative marketing Association was formed. The actual marketing of eggs began late in September. Membership and volume increased until the Association was handling in December in the neighbourhood of 300 cases per week. In the six and a half months from September 20th to the end of the fiscal year the Association marketed for its members five thousand and thirty-one cases of eggs (150,930 dozen) for a gross return of $43,752.67.

The Association maintains a grading station in the city of Toronto. It has adopted strict rules of production and marketing so as to enable it to pack and supply the highest quality product obtainable. This policy has enabled the Association to realize prices for its members which have been definitely above the average of those for ordinary eggs of corresponding grades during all seasons of the year. Membership is increasing and as a result of this first season's successful experiment in selling next year is confidently anticipated as the final testing of the scheme through handling product in commercial volume.

POTATO MARKETING

Ontario Potato Growers' Association:

The marketing of the Big "O" Brand potatoes (special quality pack of the Ontario Potato Growers' Association) commenced for the season in August, 1937. The supply of Katahdin potatoes was limited. Several lots of good Dooleys were located and together with the lesser quantity of Katahdins available over 2,000 bags were sold. These potatoes netted the farmers 20c to 25c premium over ordinary Ontario table stock prices.

The amount of damage by disease, particularly Fusarium Wilt and serious damage from field frost very adversely affected the marketing of Ontario potatoes during the past year. This matter became so serious that, on being brought to the attention of the Department, a campaign for the use of better seed for planting the 1938 potato crop was undertaken.

With the assistance of the County Agricultural Representatives in the late crop potato producing counties meetings were called for the purpose of testing samples of seed brought in by growers as to their fitness for seed purposes. So far twenty-five meetings have been called with attendance running from twenty-five to one hundred persons per meeting. Usually fifty percent. of the growers brought samples of seed with them.

The percentage of diseased potatoes so located was not so large as at first anticipated but many samples were damaged by frost in the field and in storage. As a matter of interest samples of Katahdin, Green Mountain and Irish Cobbler potatoes almost invariably proved resistant to these defects. Most of the damage was in the late maturing variety, the Dooley.

As a result of the campaign many growers arranged for a change of seed for 1938.

New Markets:

During the past year a large market developed in South America for seed from the Maritime Provinces (due to freight rates), particularly the Green Mountain and Katahdin varieties. The demand for Katahdin seed is so great as a result that New Brunswick dealers are looking for several carloads of Ontario certified seed of this variety which is commanding a premium of about 20 cents per bag for Ontario growers over table stock prices on the Toronto market. This demand from the Argentine for Katahdin seed should provide an attractive outlet for Ontario certified stock in the fall of 1938.

A shipment of Ontario certified Warba seed potatoes was made to South Africa last fall which arrived in good condition but it is too soon yet to have a report of the results obtained. If these are satisfactory there should be an outlet there for substantial quantities of the available amount of seed stock of this variety in the fall of 1938.

New Varieties:

Some new potato varieties, tried out in 1936, were further tested last year with considerable encouragement. The late crop Dooley variety most commonly grown in Southern and Central Ontario matures so late that much damage from frost occurs before the crop is harvested. Earlier maturing varieties are therefore being sought.

The Katahdin variety which matures ten days earlier than the Dooley is proving a good yielder, of good cooking quality, and in market demand at premium.

The Chippewa, which was grown in an experimental way last year, now promises to be adaptable to Ontario conditions. This variety matures three weeks earlier than the Dooley, is a heavy yielder and has excellent cooking quality. Over 200 bags of seed stock have been distributed among growers in the County of Simcoe as well as smaller lots in other sections for further testing in 1938.

The Warba variety, the earliest Ontario maturing variety, is proving a heavy yielder, a good cooker and matures and develops marketable size earlier than the Irish Cobbler. Approximately 1,500 bags of seed are planted for the 1938 crop.

Extension Work:

A progressive programme of marketing and extension activities was conducted throughout the potato producing industry last year. Some of the particular developments are described in the following paragraphs.

Several lots of seed potatoes were located for farmers by bringing buyer and seller together. Two carloads of Irish Cobbler potatoes were gathered and shipped into New Liskeard and Cochrane for relief purposes. One carload of certified Katahdin seed stock was shipped to Souris, Prince Edward Island.

During the planting and growing season approximately 2,000 potato growers were visited in the chief producing districts of Middlesex, Elgin, Wentworth, Wellington, Dufferin, Simcoe, York, Ontario and Durham Counties. County Agricultural Representatives in each case were visited at the same time and matters discussed relative to seed selection, cultivation, spraying, harvesting, grading, etc. Special meetings of growers were held at Goodwood, Uxbridge. Strathroy and Mount Brydges. Judging competitions were held at Alliston, Strathroy and Guelph and potato field days at Mount Brydges while a potato fair was conducted at London, Ont. Field crop competitions were judged at Mount Brydges, Strathroy, Emsdale, Dunchurch and Port Carling.

NEW FRUIT PRESERVATION

As in past seasons this office collaborated again this year with commercial concerns in freezing fruits and vegetables for storage and consumption in seasons of non-production. Some work was also done in the production of special strains of strawberries and peas in Northern Ontario where climate and soil conditions combine to give a hardiness to produce that is not present in Southern grown crops. The results obtained justify further work which will be continued in 1938. Already frozen Ontario fruits and vegetables are available at Toronto, Montreal and other large consuming markets, particularly during the winter months, and are receiving an interested consumer attention.

THE FARM PRODUCTS CONTROL BOARD

THE FARM PRODUCTS CONTROL ACT, 1937

This Act provides legislation by which marketing practices and methods can be altered in the light of rapidly changing modern conditions.

THE TWO PRINCIPAL FEATURES OF THE ACT

1. Provision for the formation of local boards to exercise powers, under the supervision of the Farm Products Control Board, which may be delegated to them by the Farm Products Control Board, for regulating the marketing of farm products produced or owned by those who come within the control of such boards. This provision is made to enable those who produce and market farm products to constitute control machinery of their own through which they may regulate the movement, direct the sale and determine the practices that shall prevail in the marketing of such products.

2. Provision for the investigation by the Farm Products Control Board of marketing conditions and practices in connection with any designated farm product.

Under the Act all powers that may be granted by Order-in-Council for the administration of marketing schemes will be vested in the Farm Products Control Board. These in turn may be delegated to local boards and the local board will become the administrative body under the general supervision of the Farm Products Control Board. At the 1938 Session of the Legislature the Act was amended in a number of useful ways to define more clearly certain terms used and the delegation of certain powers by the Farm Products Control Board to local boards.

SCHEMES APPROVED BY THE FARM PRODUCTS CONTROL BOARD TO—MARCH 31st, 1938.

The Ontario Cheese Producers' Marketing Scheme:

The Ontario Cheese Producers' Marketing Scheme was the first marketing scheme to be established in Ontario under the Farm Products Control Act. The purpose of the scheme which was submitted and supported by a large majority of the shippers of milk to cheese factories in Ontario is:

(1) to require all cheese to be sold in Ontario on local cheese boards under uniform rules and regulations approved by the local board;

(2) to defray the necessary expenses of the local board by a toll or charge on the regulated product of five cents per one hundred pounds.

About 91,911,396 pounds of cheese were made in Ontario in 1937 from milk supplied by some 20,000 farmers or cheese patrons.

The extent the scheme has achieved its aim and object of stimulating competition in buying cheese is evident from the figures that for the year under review 88.21% of the cheese graded in Ontario was sold on local cheese boards whereas prior to the operation of the scheme less than 35% of the cheese graded was sold on local cheese boards.

The Peach Growers' Marketing for Processing Scheme:

The Peach Growers' Marketing for Processing Scheme was the second scheme to be established in Ontario under the Farm Products Control Act.

The purpose of this scheme is to regulate the marketing of fresh peaches to all classes of processors for canning or preserving in any form by arriving at agreed on prices and a uniform form of contract in open negotiation between a committee of equal numbers of growers and processors, with ppwer of arbitration if the committee cannot reach agreement.

The Niagara Peninsula was particularly concerned, as this district supplies practically all the fruit of this class. Some 550 growers sold 5,735 tons of peaches having a money value of $301,087.50.

The scheme provided that, after one year, a poll of the peach growers interested be taken to determine whether the arrangement was to be continued or not. This vote was taken as required and the result was overwhelmingly in favour of continuing the scheme in the future.

Peaches for the wholesale and retail fresh fruit trade are exempt from the scheme.

The Holland Marsh Growers' Marketing Scheme:

The Holland Marsh Growers' Marketing Scheme was the third marketing scheme to be established in Ontario under the Farm Products Control Act. The purpose of the scheme, which was requested by a large majority of the growers of all nationalities located in the highly fertile marsh garden district around Bradford, Ont., was to set up a central cooperative selling organization through which would have to be sold the chief market garden crops designated in the scheme.

Chiefly through heavy losses occasioned in a separate undertaking not part of the scheme; i.e., the central grading and packing of lettuce; and also due to other difficulties that developed, grower support to the scheme was withdrawn. As a result the Farm Products Control Board, on request, exempted all designated produce from the operation of the scheme on September 1st and conditions then reverted to their original state.

The South Essex Growers' Marketing Scheme:

The South Essex Growers' Marketing Scheme was the fourth marketing scheme to be established in Ontario under the Farm Products Control Act. Its objects were practically identical, covering designated crops in the South Essex market garden district around Leamington, Ont., to the Holland Marsh scheme.

Because of some delay, due to jurisdiction in co-ordinating the Dominion Fruit Vegetable and Honey Act and the new Ontario Grades and Sales Act which combined made possible the compulsory grading and inspection of all fruits and vegetables out of defined districts, the scheme was not put into effect.

The scheme is still on the Statutes, however, and may be invoked in 1938 if a representative number of the South Essex market garden growers concerned so desire.

The Asparagus Growers' Marketing for Processing Scheme:

The Asparagus Growers' Marketing for Processing Scheme was the fifth and last marketing scheme to be established in Ontario under the Farm Products Control Act in the fiscal year 1937. Its purpose is identical to the peach scheme discussed above; i.e., to regulate the marketing of fresh asparagus to all classes of processors for canning or preserving in any form by arriving at agreed on prices and a uniform form of contract in open discussion between a committee of equal numbers of growers and processors with power of arbitration if the committee cannot reach agreement.

Out of an estimated total of 600 asparagus growers in Ontario 537 voted in favour of the scheme with none voting opposed to it.

Asparagus for the wholesale or retail fresh vegetable trade is exempt from the provisions of the scheme.

CONCLUSION

At the close of the fiscal year the Farm Products Control Board was also engaged in analyzing the return from the polls together with a study of other statistical data and marketing information necessary, concerning proposed tomato, strawberry and cherry, pear and plum schemes. Action will be taken on these matters in due course subject to the provisions of the Act regarding recommendation of schemes by the Farm Products Control Board.

PROVINCIAL ENTOMOLOGIST

RESEARCH

Onion Maggot. The common method of controlling this insect is by spraying with lubricating oil emulsion. This method is slow and laborious and many growers do not possess satisfactory spray outfits. Hence the writer has for several years been trying to find a simpler and more practical method. Up to this year failure of the insects to be abundant enough to cause severe damage has made it impossible to secure definite and reliable data. This year, however, the insects were much more numerous and this gave us a good opportunity to make progress. Field experiments were made at Collingwood, Vineland and St. Catharines. In each of these lubricating oil emulsion, corrosive sublimate and calomel were tested against each other.

Results showed that under 1937 weather conditions calomel was much the most satisfactory because it not only gave a high control—much higher than corrosive sublimate and on the average a little higher than oil emulsion—but also was much simpler to use, required very much less time and was as cheap as either of the other two materials. All the grower has to do is to moisten well the onion seed, then dust it thoroughly with the finely powdered calomel and sow it at once before it has time to dry. If allowed to dry it will fall off the seed and no control be obtained. We are, however, not yet justified in recommending unreservedly calomel as the best method until further tests under different weather and soil conditions have been made. Studies are being carried on to find a satisfactory sticker which will not interfere with germination and will enable the grower to dust the seed some time ahead of sowing without danger of its falling off.

Cheese Mite. Further tests with methyl bromide against cheese mites have been made this winter to determine definitely whether this material which worked so well in our tests last year against the mite will kill all stages of it when the cheeses are left in the boxes and these piled up one upon another. The work was done in a storage building containing approximately $13,000 worth of cheese, some of which was heavily infested and much of the rest lightly. The writer's assistant, G. G. Dustan, was sent to supervise the work. Two weeks later he and another assistant, R. W. Thompson, re-visited the storage building and carefully examined the cheese. Some of the heaviest infested parts were brought to the College and re-examined a month later. These examinations all showed that the methyl bromide had killed every stage of the mite. Moreover the dealer and others who tested the cheese could find no taint in it 48 hours after the fumigation. We therefore believe that it has been proven that methyl bromide is an effective, convenient and satisfactory fumigant for cheese mites.

Control of Rabbits. The last two years we have been studying, as far as we had time, methods of control for rabbits in orchards. Several repellents, some of which have been recommended highly, have been tested and most of them have either failed to give control or have injured the bark of young trees. A few seemed promising and worth further tests. Wrapping the trunk of young trees tightly with burlap strips is one of the most common and satisfactory control methods today. Having found, however, that baits containing strychnine were giving good control of mice, we suggested to some growers that small, tidy baits of leafy alfalfa hay dipped into a solution of strychnine sulphate and molasses should be tried. One of the growers did so and quickly destroyed all the rabbits in his orchard.

Having thus proven that strychnine could be used successfully we looked into the possible danger of dogs or cats being poisoned by eating the dead rabbits. A large dog fed upon two of these rabbits and suffered no injury. A reliable investigator informed us that his cat had eaten several mice poisoned by strychnine and showed no signs of being affected.

To make still more certain of this point the writer wrote to Dr. James Silver of the Biological Survey, U.S.D.A., who has had a great deal of experience in conducting poison campaigns against rabbits. He replied that there was very little danger of either dogs or cats being poisoned by feeding on such baits, but that great precautions must be taken to see that livestock did not get access to them. It looks, therefore, as if poison baits may be used to great advantage in fighting the rabbit menace, provided that the necessary precautions to protect livestock and humans are taken.

Pea Aphid. A satisfactory method of control for the pea aphid would mean some years the saving of many thousands of dollars to pea growers. Realizing this and believing that the solution of the problem is to be sought by canning companies or cooperatives or other large interests purchasing one of the costly outfits now on the market and treating the peas for their growers at a set price per acre, the writer is taking an active interest in having the different power outfits and insecticides tested out on a commercial scale. The Tobacco By-Products Corporation last year in July gave a demonstration with their Vapo-Fumer outfit at Brighton. The writer was present at this. Recently the representative of the Agicide Company of Milwaukee called at the Department of Entomology at Guelph to talk over with us the desirability of their putting a man and one or more machines in the province for demonstration purposes this coming season. They asked for our cooperation, which we shall gladly give to them, or to any other company desiring it. There is good reason to hope that some one or more of the insecticides and machines for applying them will prove effective and practicable and will thereby to a large extent solve the pea aphid difficulty.

Spray Experiments. As in previous years we continued our tests of different spray mixtures in apple orchards. The main object in these is to find whether any fungicide on the market is superior to the fungicides recommended at present in the spray calendar. Another object is to find a sticker that without injuring the foliage or lessening the effectiveness of the poison may be added to arsenate of lead in the first apple maggot spray about July 1st and remain on the foliage, but not on the fruit, long enough to kill the apple maggot and thus save the grower one application.

Progress has been made in both of these projects. The data obtained from the experiments with the different materials is of great value in keeping us up to date in spray matters. The testing of the fungicides is done in cooperation with Professor Howitt of the Botany Department. The testing of stickers is being done solely by the writer and his assistants.

Spray Injuries. The year 1937 was characterized by a large amount of spray injury to fruit and foliage on apples. Realizing that it was well worth trying to find the cause of this, the writer devoted almost a whole week to visiting the worst affected orchards. He found clear proof that the injury to the fruit, which took the form of russeting, had been caused by enthusiastic admirers of Bordeaux mixture using this material more frequently or at different times than recommended on the spray calendar. Where the Bordeaux was used only as recommended in the calendar there was either no russeting or practically none. In some of the Bordeaux injured orchards not only had the fruit been russeted but from one-quarter to three-quarters of the foliage had dropped before the end of August.

That the high humidity, especially during the month of August, had had much to do with both the russeting of the fruit and the burning of the leaves, was shown by the fact that in eastern Ontario where weather conditions were much drier, no reports of injury were received. Similar injuries to fruit and foliage occurred in many parts of the United States and were attributed to the same causes as we have given.

Testing the Relative Resistance of Different Varieties, Strains and Crosses of Corn to the European Corn Borer. This line of work was suggested by us to the Agronomists last winter. Dr. McRostie of the Department of Field Husbandry kindly undertook a series of experiments with various kinds of corn not only at Guelph but also at Ridgetown and on the farm of Mr. Blake Cohoe in Essex county. The writer and other members of the Department of Entomology did most of the dissecting of the corn plants in autumn to determine the degree of resistance in the different strains and crosses. Some of these were found to be considerably more resistant than others. Enough information was obtained to show that further experiments were well worth while.

ADMINISTRATION WORK

Corn Borer Act. The supervision of the inspectors in the various counties and the examination of corn fields in the fall of the year to find out the degree of infestation throughout most of the province, took all the time of one man for six weeks. In addition to this the writer met the county councils of Essex and Kent early in the winter to discuss the corn borer situation and the means of meeting it.

The corn borer in 1937 increased in almost all the counties west of Toronto, but either decreased or remained stationary in the counties east of Toronto. The explanation of this is that west of Toronto there was much more moisture in June and July than east of Toronto and plenty of moisture in these two months favors the borer greatly. There is very little doubt that if the weather is favorable again this year there will be heavy losses in Essex, Kent and South Lambton. The influence of weather conditions is the greatest factor in determining the increase or decrease of the insect. Next to it is the degree of thoroughness in the clean-up of corn remnants in the spring.

Apple Maggot Supervision. The regulations under the Fruit Pests Act referring to the apple maggot were more strictly enforced in 1937 than in any previous year. East of Toronto Mr. Morley Webster of the Fruit Branch supervised the work of all the inspectors. He also helped to do this in two or three of the counties west of Toronto. Mr. Alex Goldie of Vineland looked after the supervision work in the Niagara district. The writer spent three weeks in visiting the different fruit districts in July to discuss difficulties with the inspectors and to aid the work in any other possible way. The maggot was well controlled and a large decrease made in its numbers in almost every county east of Toronto and also in the Niagara district. West of Toronto the infestation remained about the same as last year. A study of the reason for this indicates that just as in the case of the corn borer the greater humidity west of Toronto favored the apple maggot and made it more difficult to bring about a decrease. The Niagara district, though in the western part of the province, was exceptional in having very little rain and so was in the same class as counties east of Toronto.

Peach Yellows and Little Peach. Mr. G. G. Dustan acted again as supervisor of the local inspectors for these two diseases and was able to get the work done in a fairly satisfactory manner.

Nursery Inspection. This was carried on as usual and all nurseries in areas where San Jose scale exists were inspected. It was found that the nurseries were, as last year, remarkably free from San Jose scale, less than one tree in 7,000 on an average having scale on it.

Oriental Peach Moth Regulations. These regulations, which require that all peach containers used by canning factories shall be sterilized with steam at the conclusion of the season each year, and that all peach refuse shall be disposed of in such a way as to destroy any larvae present, were enforced.

EXTENSION

The spray calendar was again revised in cooperation with the other authors and distributed to all commercial growers and any others desiring it.

Most of the fruit meetings of the province were attended and addresses given on spraying and the control of orchard pests. Press letters on the corn borer and on orchard pests were prepared and sent to the agricultural papers of the province.

Special visits were made wherever possible to deal with particularly pressing problems.

The bulletin on "Insects Attacking Vegetables" was revised and will be ready for distribution on the opening of the season.

FIELDMAN FOR NORTHERN ONTARIO

There was an unusual variation in weather conditions during the growing season of 1937 among the various districts of Northern Ontario. Some of these districts, including Algoma, Manitoulin Island and a part of Sudbury suffered very severely from drought, while Rainy River suffered as seriously from too much rain, particularly during certain periods.

Considering all districts. the total grain crop would be above 1936, but still somewhat below a ten-year average. Drought and heat in some sections, too much rain accompanied by rust in others; late seeding and a fairly hard frost on the night of September 4th which affected large areas of grain on the James Bay water shed were responsible for the yield being below normal.

Over the entire North the yield per acre of hay would be about one-quarter ton below 1936 and perhaps one-half ton below a ten year average. During the later winter and early spring thousands of acres of meadow were nearly all covered with ice and this, in many cases, completely destroyed red clover and other legumes. In certain areas where the growing season was drier than normal the hay crop was doomed to partial failure.

The area saved, as well as the yield obtained, of grass, clover and alfalfa seeds was away below normal in most districts, one exception being in Rainy River district where the area of alfalfa used for seed production was larger than in any previous year, but the yield per acre was below normal. About 400,000 pounds were produced, while in 1936 the total production was over 500,000.

Fodder Corn was better than normal in sections of the North where this crop is grown.

Potatoes and other root crops in most cases did reasonably well. The quality was such that out of only a small entry from Northern Ontario at the Royal Winter Fair, first prize was won with Green Mountain, Irish Cobbler and Chippewa entries, besides several lesser prizes in these same classes. In addition to these winnings with potatoes, a sample of Navy Beans grown in Rainy River district won second place at the Royal and first prize and championship at Chicago.

Lectures were given at ten Short Courses. Nineteen Agricultural meetings were addressed. The Weed Inspectors of the districts of Nipissing, Sudbury, Algoma, Thunder Bay, Rainy River, Kenora and Cochrane were all interviewed. Nine Field Crop Competitions were judged. These were conducted at Rainy River, Dryden, Noelville, Verner, Porquis Junction, Murillo, Hymers, and Fort William.

Judging was done at the following five Fall Fairs—Murillo, Hymers, Upsula, Iron Bridge and Providence Bay.

Eight School Fairs were also judged, including Rossport, Schrieber, Kaministikwia, McIntyre, Upsula, Hymers, Finmark and Oliver.

The Plowing Matches at Slate River, St. Joseph's Island, and Port Lock were judged.

HEARST DEMONSTRATION FARM

Growing Season

The Spring of 1937 was early but seeding was late due to exceptionally wet weather. First Spring wheat was sown May 8th and not resumed until June 7th due to heavy rains. The growing season was good and all crops did remarkably well. A severe frost Sept. 4th stopped growth of practically all crops.

Crops

Wet weather caused a low average of 18 bushels to the acre in Spring wheat.

Cartier and Alaska oats were sown side by side on June 7, 9, 10 and 11th. There was very little difference in growth and both were ready to cut at the same time. Cartier yield 42 bushels to acre and Alaska 40. Both yields were lowered by Sept. 4th frost.

Barley sown June 12th was also hit heavily by frost, averaging 30 bushels to the acre.

Hay was a good average with two cuttings of Alfalfa, although acreage small. Cattle were pastured till stabling time on after grass.

Oats and peas sown June 16th for ensilage were cut Sept. 3rd into new upright silo built during summer. Although only a small percentage of oats were ripe, the ensilage kept well and made excellent feed.

Live Stock

While no R.O.P. work was done, a private milk record showed majority of cows making good average records. All calves were born strong and healthy. It appears that the Ayrshire breed is well suited to this northern climate.

Two sows purchased from the New Liskeard farm farrowed healthy litters. Young pigs were sold to settlers and remainder kept for market hogs. Thirteen pigs finished during the winter did remarkably well. A young boar purchased from New Liskeard in the fall, is a promising sire, and was used by a number of settlers to improve their stock.

Services

The seed cleaning plant operated as usual, but amount cleaned was below average. Most settlers with grain for seed are anxious to have it cleaned.

The number of enquiries regarding farm problems is ever increasing, with every assistance possible being given to settlers.

NEW LISKEARD DEMONSTRATION FARM

It is hard to draw definite comparisons between this year and last year, as the Farm is under a different Superintendent and no very definite records are available from last year.

The spring opened earlier than last year and continued open with no frosts during May, June, July and August. Lake Temiskaming froze over December 1st this year as compared with November 29th last year.

The fields dried off fairly rapidly on top as there was no rain until the 28th of June. Seeding commenced May 9th as compared with June 1st in 1936. The land worked up well and the majority of the farmers were through earlier than usual. Lack of rainfall retarded germination and growth to some extent, especially on high land but germination in general was good despite no rain until the last week in June.

Hay and root crops were materially reduced on the Farm due to continued drought in May and June. For the first time in many years the District of of Temiskaming imported many carloads of hay from Southern Ontario.

Hay making conditions were good in early July and the Farm was fortunate in having hay all in before the 20th as late July was very wet. Most farmers in the District do not start haying until late July and much hay was spoiled by rain.

The weather conditions in early harvest were good. Most of the grain on the Farm was harvested without experiencing rain. September was very wet and farmers with late oats had difficulty in drying the grain.

Good weather in late September and early October resulted in much fall plowing before the rains set in. The Farm plowed 150 acres. The majority were late finishing harvest and there is a lot of plowing to be done this Spring.

Wet weather and late blight caused considerable damage throughout the District but farmers with potatoes on good potato soil harvested a good average crop if dug in good time. Heavy rains set in on October 15th and no work was done in the fields on the Farm after that date.

SEASONAL NOTES

March 10th	First crow appeared
April 20th	first wild geese
April 1st	fields clear of snow
	Ice went out of Wabi
	Ice went out of Lake Temiskaming
May 8th	first work on land
May 8th	first cereals sown
July 5th	first cutting of hay
August 2nd	first cutting of grain for insilage
August 14th	first cutting of spring grain
August 25th	seeded winter wheat
October 16th	last Fall plowing.

ANIMAL HUSBANDRY.

Animal Husbandry work is carried on with the object of raising young stock to be distributed throughout the district; doing experimental work on different types of feeding and rations and demonstrating good care and management of live stock.

Hogs. There has been a keen demand for young breeding stock—more than we could supply. Twenty-five sows and eight boars were distributed this year. More bred sows could have been sold if available.

Cattle. We are trying to increase the number of our breeding females, thus no heifers were sold, although we had many inquiries. There was a demand for more bulls than were available and eight were placed in the district during the year, including a Holstein and an Ayrshire, bought on order in Southern Ontario.

No horses were bred on the Farm last year, and no sheep were kept.

The livestock on a whole did very well. The sows averaged two litters a year with an average of ten pigs per litter. The cows have milked well during the year. The cows are not all entered in the R.C.P. as we let our bull calves nurse the cows. The bulls are usually sold at five months, thus enabling a cow to raise two bulls a year. Matchless Rose milked 13500—Dairymaid Daisy 11584—Ducibella Marquis milked 7520 in about nine months, and Lady Conjuror averaged about 1200 per month and is not yet completed. The average test for the herd during the year was 4.3. These are deemed creditable records as the cows are not being crowded and are fed mostly on home grown feeds.

The following table indicates the livestock population on the Farm March 31, 1938.

Horses -5; Cattle -30; Hogs -57.

Two bulls imported in dam were brought up from the O.A.C. at Guelph to be used as herd sires.

POULTRY

Barred Rocks only were kept on the Farm this year. There was quite a demand for breeding stock, but the Farm supplied only male birds as a new flock was being started and all pullets were needed.

The incubator was set in March, 1938. Barred Rocks, White Leghorns and New Hampshire Red will be hatched for 1938.

Farm grains were fed with the addition of a little meat meal and some concentrate.

Poultry paid well this year and people are beginning to pay more attention to their poultry flocks.

FIELD HUSBANDRY

No plot work was carried out this year and the following tabulated results, because of the fact they are taken from acreages ranging from five to twenty, can be considered as representative of field yields where cultural methods and soil conditions are similar to those at the Farm.

Variety	Weight per bus.	Yield per acre
Cartier Oats	42	49
Alaska Oats	42	45
Victory Oats	25	30
Abundance Oats	27	32
O.A.C. 21 Barley	48	38
Spring Wheat		18

Yields of late oats and spring wheat are very poor, mostly caused by rust. The rains in late harvest further reduced the yield. Early oats missed the rust for the most part and were harvested before the rain.

Silage. Green oats are used as a silage crop with excellent results, there being no clover due to winter killing.

Fall Wheat. No fall wheat was planted in 1936, but eight acres were planted in 1937. It came through the winter in excellent condition and gives promise of a good crop.

Hay. The Hay crop was almost a failure due to excessive winter killing from ice and a very dry spring and early summer. However, fresh seeding wintered well this year and gives promise of a good stand.

Roots & Vegetables. A limited amount of work was done this year with roots and vegetables owing to a lack of help. Turnips and mangels were poor as the seed lay in the ground for a month due to dry weather. Potatoes were only fair as they suffered from wet weather in the fall

HORTICULTURE

A small amount of work was carried on with strawberries, raspberries and bush fruits, just sufficient to demonstrate the feasibility of farmers having some of these for their own use. The commercial production of strawberries and raspberries is quite possible with our range of climatic conditions and in many cases is a very satisfactory cash crop.

IMPROVEMENTS & ALTERATIONS.

The Farm buildings were all painted. A litter carrier was put in the piggery, using material discarded in the cow barn; water was piped to the piggery form the main barn; four roomy box stalls are being installed in the cow barn where previously there was a row of tie stalls.

SUMMARY

The Demonstration Farm brought out the fact this year that early maturing varieties of farm crops even though yields some years may not be equal to some of the later maturing varieties, are more adapted to the carrying out of a successful farm program. They are less susceptible to loss from disease and weather, and being harvested earlier in the fall enables the farmer to do his fall plowing. This is an important factor in the production of crops the following year.

There was a keen demand for registered grain and the Farm distributed all it could spare.

The Farm has played an important part in creating a desire for, and the distribution of better livestock throughout the District. Some work has been done with rations using as much as possible the ordinary farm grains. Crop rotation with a definite farm program, is not practised as much as it should be and the Farm is endeavouring to take the lead in this respect.

MILK CONTROL BOARD OF ONTARIO

The year, 1937, the fourth year of Milk Control activities in Ontario, found the Milk Control Board with a definitely recognized place in the dairy industry of the Province. The Board's regulatory authority is being used continually by all sections of the fluid and the concentrated milk branches to the benefit of the producers, the processors and the consumers of milk throughout Ontario.

The Board was called upon to make many important decisions during the year. The usual consideration was given to applications for new distributor licenses and to numerous requests for price adjustments in many of the markets of the Province; several unsatisfactory payment situations developed during the year and the Board found it necessary to take action against some distributors who were found to be in financial difficulties; a further serious problem developed from a price controversy in the Toronto market and was, for a time, a matter of considerable concern.

Because of experience gained during previous years, it was possible to reduce some of the Board's work to routine duties, handled by members of the Board's staff. This arrangement was a fortunate one, in that, during the year the time of the Board members was not devoted entirely to Milk Control work ,they having been given additional responsibilities as members of the Farm Products Control Board.

The year, as a whole, can be considered a satisfactory one, in that, this division of government service was able to make a worthwhile contribution to these very important branches of the dairy industry of the Province.

GENERAL SITUATION IN THE INDUSTRY

During 1937 conditions in the dairy industry were considerably changed from those in recent years, chiefly because of the generally higher level of commodity prices.

The Ontario Dairy Farmers' position steadily improved throughout the season as the price of butter and cheese advanced, with a consequent increase in the price of milk used for manufacturing purposes. This improved situation affected the shipper to concentrated milk plants and materially improved the position of the shipper to fluid milk plants insofar as his surplus milk was concerned. The increased return for surplus milk was due not only to higher butter and cheese prices but also to the fairly general establishment of the principle whereby surplus milk was paid for on the "formula manufacturing price" rather than on the "butter-fat price".

The increased income to producers, however, was, to some extent, offset by the comparatively low feeding value of the 1937 crop in many sections of the Province, the increasing costs of living and of farm supplies.

In some sections too, producers' costs were increased as a consequence of the more general establishment of restricted areas for tuberculosis-free cattle. Particularly in the central section of the Province and in the Port Arthur and Fort William district, the herd losses as a result of compulsory "T.B." tests were quite severe.

The position of the milk distributor did not improve materially during the year. Any increased sales and improved collections which were the result of better buying power on the part of consumer were offset by increased operating costs. Wages and dairy supplies materially increased in price. As a result of these conditions several marginal operators found it necessary during the year to cease doing business or to re-organize the financial structures of their businesses. The concentrated milk industry showed decided growth during the year. Prices to producers steadily improved and the demand for canned milk, milk powder, casein, etc. apparently continued firm.

Generally speaking, the year 1937 was reasonably satisfactory to the dairy industry of the Province. With prices for manufacturing milk established on higher levels, the fluid milk division of the business was more stable than in any year since the chaotic period of the early years of the depression,the conditions during which period were largely responsible for the establishment of Milk Control Legislation in Ontario and, to a considerable extent, throughout the world.

The continued enforcement of various regulating policies is placing additional safeguards on the quality of fluid milk provided consumers in the urban centres. The increased interest in the elimination of disease in cattle, particularly the elimination of tuberculosis over large areas of the Province, is rapidly improving the milk supply, and the establishment of minimum standards of equipment in dairy plants is going far to give assurance that the milk sold to consumers is both properly processed and carefully handled. Decided progress was made along these lines in 1937.

MEETINGS OF THE BOARD

Number of Meetings held—

(a) Formal Meetings - - - - - -96

(b) Hearings before the Board re Licenses,

Agreements, Payments, etc. - - 616

With the exception of the time spent in connection with their responsibilities as Members of the Farm Products Control Board, the Chairman and one Member of the Board devoted their entire time throughout the year to the administration of the Milk Control Act, and the third Member spent a considerable portion of his time in connection with his duties as a member of the Board.

At formal meetings, decisions were arrived at in connection with matters brought to the Board's attention. These matters were largely applications for licenses, applications for approval of milk price agreements, consideration of reports from auditors and fieldmen, arbitration of disputes, etc. In its ability to reconcile the many differences which arise between milk producers and milk distributors, the Board has provided one of its greatest services.

The hearings were meetings when individual persons or groups of persons appeared for examination or to present briefs or information in connection with the refusal of licenses, cancellation of licenses, applications for price changes, improper payments, etc. In this connection it is interesting to note that in a number of the hearings, groups or organizations, representing consumer interests, presented briefs to the Board advocating public utility and other somewhat idealistic solutions of the problems of the milk business.

GENERAL ADMINISTRATION OF THE MILK CONTROL ACT:

(1) *Licensing—*

The licensing of persons engaged in the milk industry was continued during the year, 1937, as in previous years. The following licenses were issued,—

Regular Distributors	750
Producer-Distributors	924
Milk Peddlers	87
Milk Manufacturers	32
Milk Transporters	205

The number of regular distributors is similar to that in former years, with very few licenses having been issued except in cases where there was a change in ownership of the business.

Following the formation of a joint transportation committee in the Hamilton market during 1936, licensing was completed of all persons hauling milk to that centre. Milk transporter licenses now give the Board supervision of the transport of milk to both the Hamilton and the Toronto market.

The licensing of milk distributors and the responsibility of the Board to refuse to issue a license when they consider such issuance would not be in the public interest continues to be the most effective method of regulating the industry.

(2) *Bonding of Milk Distributors*—

The bonding of milk distributors is one of the most important responsibilities of the Board and, during the year 1937, the Board had on file for the protection of producer accounts bonds in the following amounts,—

(a) Surety Bonds	$963,150.00	
(b) Negotiable Securities	357,640.99	$1,320,790.99

An increasing number of small distributors took advantage of the provision in the regulations, whereby they are exempt from the bonding requirement if evidence is provided that all accounts with producers are paid on a weekly basis. Very few distributors of any size, however, operate on this basis and those who do are generally located in small markets where the individual producer is closely in touch with his distributor and is able to keep a closer watch on the situation than could be possible in the larger markets.

Distributors are finding it increasingly difficult to secure bonds through bonding companies and at the end of 1937 at least one important company ceased writing this type of insurance.

It was found necessary during the year to call only a few bonds for the payment of producer accounts but it is becoming more and more evident that the bonding requirement is of extreme value in protecting producers' accounts even though the actual bond, itself, is not required for payment. There were several cases during the year where, because of the bond, the distributor concerned made a successful effort to re-finance his business when under normal circumstances, without the bonding provision, the business would have been put through bankruptcy, with great loss to the producers, as the only possible method of re-organization.

(3) *Milk Price Agreements*—

(a) *Fluid Milk Marketing Agreements*—

Because of the comparative price stability attained during the previous three years' operations under the Milk Control Act, the Board was not called upon during 1937 to consider so many price agreements. However, it was found necessary to consider and approve a few changes in price structure, some of which became fairly contentious issues.

During the year the Board gave official approval to marketing agreements in eleven markets which had not been previously controlled. Approval was also given to revised price structures in thirteen other markets. A number of very small markets asked for official approval of price structures but, because of the small number of producers affected, no formal order was issued and most of these markets have found it possible to maintain their own price structures following the negotiating of a local price agreement.

Stabilized price structures are now in effect practically throughout the Province, as the following figures would indicate,—

(a) Number of Markets covered by Approved Price Agreements	54
(b) Number of Markets operating under Price Agreements not officially approved by the Board	32

During the years, 1936 and 1937, the Board was able to give official approval to revised price structures in twenty-four major markets of the Province, which revisions provided for the payment of surplus milk on a basis of "manufacturing price" rather than on a basis of "butter-fat price", with a consequent increased income to producers of approximately thirty per cent. on the value of their surplus milk.

The most contentious situation during the year was the approval of a price raise in the Toronto market. For several months, commencing in the late Summer, the producers supplying milk for Toronto instituted a strong appeal for a price increase. The time was considered inopportune but, later in the season, the Board did approve a price change to be effective November 1, 1937, which provided for an increase in price to producers of 22 cents per hundred pounds and an increase in price to consumers of 1 cent per quart on quarts only.

The Board considered the producers' appeal justified and, inasmuch as the agreement covering the revised price structure passed 22 cents of the theoretical 25 cents per hundred pounds back to the producer, the revision was approved.

This addition of a theoretical three cents per hundred pounds to the distributors' spread was more than offset by increased costs of labour and material. A study of the operations of twenty-two representative firms showed an increased cost during the preceding year of labour and supplies of $14,685 per month or about 10 cents per hundred pounds.

Another important factor was that the official figures show an increase of 17 per cent. in retail prices of all foodstuffs, whereas the retail price of milk has remained almost stationary for three years .

An organized consumer reaction to the price revision soon made itself felt and the matter continued to be a contentious question in Toronto until the end of the year. It is, however, generally recognized that the consumers were using milk, the only food product, the price of which is officially controlled, as the brunt of their opposition to a general and increased cost of living.

During the year, there was some feeling expressed that the Board's activities insofar as milk prices are concerned should be restricted to the supervision of prices paid to producers only, but up until the present time it has not been considered possible to withdraw entirely from the supervision of consumer prices because of the chaos that would result from such a policy, a practical example of which has been seen in some of the places where Milk Control Legislation has been suddenly withdrawn.

(b) *Manufacturing Milk Marketing Agreement*—

The agreement between the Ontario Concentrated Milk Producers' Association and the Ontario Association of Milk Manufacturers, with some amendments, was continued in effect throughout the year 1937. This agreement, which covers only the price paid to producers by manufacturers, has been in effect since August, 1935, and has been of material benefit to the producers and to the industry generally. It has provided not only a sound price basis for the purchase of milk from producers but it has tended to put the manufacturing industry throughout the Province in a stabilized condition.

It is interesting to note the effect of this agreement on prices paid to producers for milk used for manufacturing purposes. The monthly prices for butter, cheese and manufacturing milk, since the inception of this basis of purchase, are as follows,—

Month	Average Cheese Quotation	Average Butter Quotation	Formula Milk Price
1935			
July	10.5	20.	.94
August	10.25	20.75	.97
September	11.50	22.25	1.05
October	12.	23.5	1.10
November	11.	25.25	1.16
December	12.	25.75	1.19
1936			
January	12.5	25.	1.17
February	12.25	23.	1.09
March	11.75	22.75	1.07
April	10.5	22.5	1.04
May	11.5	20.25	.97
June	13.25	22.	1.06
July	13.5	23.25	1.14
August	14.75	25.25	1.21
September	15.25	24.75	1.20
October	14.	23.75	1.14
November	13.75	25.	1.19
December	13.75	25.75	1.22
1937			
January	13.5	26.5	1.24
February	13.5	25.5	1.21
March	13.25	26.	1.22
April	13.25	26.75	1.25
May	14.5	23.	1.12
June	15.50	24.25	1.19
July	14.75	25.75	1.23
August	14.50	27.	1.28
September	14.50	27.	1.28
October	14.50	28.25	1.33
November	14.75	30.25	1.41
December	14.75	30.50	1.42

When the agreement was up for review before renewal in the Spring of 1937, there was a considerable amount of discussion over the difference in value for milk for different manufacturing purposes and it was finally agreed that certain amendments be made to the agreement, chief of which were as follows,—

1. Where milk is made into canned milk for consumption within Canada, the premium paid to the producers was changed to 35% rather than the 30% in the early agreement.

(2) In order that Canadian producers of condensed milk could compete in the export market. the agreement was amended to provide that milk purchased during June and July of each year and sold to the export market could be paid for on the basis of 25% premium rather than 30%.

(3) Where the cream from manufacturing milk is made into butter and the skimmilk used for manufacturing purposes, an arbitrary value of 20c per hundred pounds was placed on the skimmilk in the new agreement instead of the value of the one-half a pound of butter-fat agreed to in the earlier agreement.

The condensed milk industry received a considerable amount of the Board's attention during the year. Two particular problems presented themselves,—

(1) The extensive use of condensed milk by chain stores as a loss leader.

(2) The competition of condensed milk produced in different Provinces and from milk purchased at different prices.

No solution to the first problem was arrived at by the end of the year. The second problem was discussed quite thoroughly at the Conference of Milk Control Boards held in Toronto in November and the problem was recognized by the various Provincial authorities. It seemed impossible, however, at that time to arrive at any uniform basis of purchase of milk for manufacturing purposes in the different Provinces but it was agreed that this matter would receive further study.

It is generally recognized that the establishment of the formula price basis for the purchase of milk in Ontario for manufacturing purposes has been of decided value to producers and this basis has made possible a recognized basis for the price of this milk to change with varying market conditions.

(4) *Enforcement:*

Continuing the policy of previous years, the Board feels that because the Milk Control Act is a new type of legislation and is to some extent contentious, every effort should be made to solve the problems of the industry by persuasion rather than by force. Some situations, however, developed during the year which required very definite action and proceedings were taken in several cases against milk distributors who openly defied the Board's rulings.

These proceedings were taken in most cases because of failure to comply with the provisions of the local milk marketing agreements insofar as payments to producers and milk prices are concerned and, in one case, where the distributor refused to produce his books and records for examination.

Even the small number of proceedings taken had a salutary effect throughout the market.

The Board has been criticized for not taking proceedings in more cases than it has but, as indicated above, it has felt that up until the present time, at least, proceedings should be taken only as a last resort.

PROTECTION GIVEN TO MILK PRODUCERS:

It has always been recognized that the fundamental reason for the passing of Milk Control Legislation was to see that producers were paid a proper price for their milk and to see that they were actually paid for milk sold to distributors.

The price situation has, of course, been handled through the approval of the various milk marketing agreements and in practically all of the major markets of the Province a fairly satisfactory price structure has been established.

The second objective, that is to see that producers are paid, has been attained by means of the bonding of milk distributors and the auditing of their records.

During the year, the Board found it necessary to call the bonds of five dairies in the Province and the income from these bonds was used to pay producers for monies owing to them. The amounts paid to producers are as follows,—

Dairy No. 1—$1,000
Dairy No. 2— 1,000
Dairy No. 3— 4,000
Dairy No. 4— 350
Dairy No. 5— 1,200

In addition to these situations, where it was found necessary actually to use the income from the bond for the payment of producers' accounts, there were at least seventeen other situations in which the dairies were in arrears in payments to producers and the threat of calling the bond was sufficient to force the company concerned to re-organize its financial structure and to pay accounts owing to producers.

Through its auditing service, the Board has discovered a number of instances where producers had not been paid the correct amount. In many of these instances there was no evident intent to defraud and the situations were cleared when adjustments were made with the producers concerned. There is record of such adjustments during the year amounting to $8,051.67.

In addition to the protection mentioned above, the Board's field staff and check testers are continually discovering small inaccuracies, each one probably amounting to only a few cents but, in total, amounting to a considerable amount. The local Inspector sees that these inaccuracies are corrected.

The services rendered by the Board, therefore, not only establish a proper price on which the producer shall be paid but also see to it that the producer is paid that proper price.

It is interesting to note in this connection that when the Board was given the responsibility of administering the Milk Control Act in 1934 it found many situations where payments to producers were in arrears, such situations amounting, in total, to approximately $100,000. The policy of the Board since that time has been such, that even though approximately $65,000,000. worth of milk has been purchased from producers, the losses from unpaid accounts have been practically negligible and, in addition, over 80 per cent. of the $100,000. mentioned above has been paid in full.

Some criticism has been directed against the Board for its leniency in connection with a few distributors who could not secure a bond and with another few who have been a little slow in their payments to producers, but the Board has taken the attitude, that if a dairy could not secure a bond, it should be given a reasonable amount of time to straighten out its financial difficulties provided, always, that current milk receipts were paid for at least each week. This policy has allowed, during the last four years, distributors who were in financial difficulties to reorganize their finances or to transfer their business to stronger hands with, as a consequence, the results indicated above.

If, on the other hand, the Board had taken firm action in connection with these dairies, many businesses which are now on a sound financial basis would have been forced into bankruptcy and the producers concerned would have found it necessary to accept very material losses, certainly to the extent of the $100,000. mentioned above.

MILK CHECK TESTING AT DISTRIBUTING PLANTS:

The policy established in 1937 whereby the check test Inspectors, appointed under the Dairy Products Act, would be supervised by the Milk Control Board was continued this year.

These Inspectors visit regularly all milk distributing plants in the Province that are purchasing milk from producers and their primary responsibility under the Dairy Products Act is to see that all milk purchased is paid for in accordance with the proper test of that milk. Because of this regular visiting system and because of the arrangements whereby these men are supervised by the Board, it has been possible for them to do a considerable amount of work in connection with the administration of the Milk Control Act.

Being in contact with the local markets, they have been of great value in keeping the Board informed as to local conditions. In addition to their check testing work, they inspect records, check payments to producers and investigate many of the minor local complaints. Because of their intimate knowledge of the market also, they are able to report to the Board serious situations in connection with payments, etc. and the Board often thus becomes acquainted with a situation before any definite complaint is registered.

In their regular work, as officers appointed under the Dairy Products Act, they have been able to see that the milk purchased is properly tested and properly paid for and the errors they find from month to month are immediately corrected, to the great advantage of the producers concerned.

The value of the work of these men is very seldom fully appreciated, particularly by the producers of milk, but the checking work done by them is continually worth a great deal to the dairy farmers of the Province.

SUMMARY:

Inasmuch as the work of the Milk Control Board is accumulative and cannot well be divided into yearly divisions and still give a true picture of its achievements, it is considered better to summarize the major accomplishments since the inception of the work in 1934. These major results are as follows,—

1. By means of a complete system of licensing all persons handling fluid milk in a commercial way it has been possible,—
    (a) To halt the rapidly increasing uneconomic duplication of milk distributive services in our towns and cities.
    (b) To prevent the irresponsible and untrained person from endangering the public health and the public interest by becoming engaged in milk distribution
2. By means of a system of bonding milk distributors, losses to milk producers from unpaid milk accounts have been reduced to a minimum and large amounts in arrears previous to the passing of the Legislation have been paid.
3. By means of the approval of fluid milk price agreements fairly satisfactory prices have been established for the milk produced by thousands of farmers throughout the Province with a minimum price burden to the urban consumer.

4. By means of the same price agreements, stability has been established in the business of distributing fluid milk where lack of stability in 1933 was a real menace to the public welfare.
5. By means of the approval of a uniform purchase basis for manufacturing milk throughout the Province, uniform price conditions have been established.
6. By means of the establishment of uniform minimum standards of plant and equipment for dairy plants, much has been done to guarantee the proper handling of fluid milk in its preparation for consumption.
7. By means of regular checks and audits, large sums have been refunded to milk producers on account of inaccurate payments.
8. By means of licensing milk transports for the major markets of Toronto and Hamilton, much duplication and many uneconomic practices have been eliminated.

These and many more minor achievements can be summarized by stating that the work of the Board has improved the financial standing of the milk producer materially, has eliminated many uneconomic and unethical practices from the business of milk distribution—all above with a minimum burden on the consumer.

Acknowledgment:

As in previous years, the Board desires to complete this report with a whole-hearted acknowledgment of the assistance rendered during the year by various persons and organizations.

Because of the field of work, it was to be expected that the Board would receive the support and advice of the milk producers and distributors of the Province. This support and advice was available at all times and for it the Board desires to thank individual milk producers and distributors and their organizations and organization officers over the entire Province.

The helpful suggestions of individual milk consumers, organizations of consumers and, more particularly, official consumer representatives have always been fully appreciated.

The Board desires to express its thanks for assistance given by other Departmental officials in the Department of Agriculture and in other Government Departments whose official interest in the milk business in various ways made their advice and co-operation valuable to the Board. This thanks is particularly due to the members of the staff of the Sanitary Engineering Division of the Ontario Department of Health, part of whose duties are to inspect the various milk distributing plants throughout the Province.

The Board's own staff are deserving of the greatest appreciation and thanks for their unswerving loyalty and constant service throughout the years.

Last, but not least, the Board's appreciation is expressed to the Members of the other Milk Control agencies throughout Canada and in other countries, who have been ready at all times to give information and advice concerning mutual problems.

To these and the countless others who have, during the past year, by means of advice or suggestion made the work of the Ontario Board more valuable to the dairy industry in Ontario, the Board extends its thanks and appreciation.

PROVINCIAL ZOOLOGIST

The work of the year was divided between teaching, extension and investigation.

Second and third year classes in the Ontario Veterinary College were given instruction by lecture, throughout the College year, on the subject Veterinary Physiology.

Lectures

Lectures were given on Animal Pest Control to Short Course students at the O.A.C. and at Short Courses at 16 different points in the Province with four hours of teaching and demonstration at each place. Four lectures in applied zoology were given at the Ontario School of Pharmacy Lectures and demonstrations on subjects relating to animal health, such as sheep and swine diseases, parasitic diseases, nutritional troubles were given at 22 live stock meetings, breeder's meetings and farmer's meetings during the year. All lectures were well attended and were held in co-operation with other branches of the Department of Agriculture. Investigations were carried out on farms where losses of live stock were being experienced. Thirty two farms were visited for this purpose and cause of loss determined.

A card exhibit covering the three subjects, Lump Jaw in Cattle, Horse Parasites and Poultry Diseases, was placed in county Agricultural Offices where the premises were suitable for such. A street window is required for such exhibit.

Animal Pest Control

An exhibit on Animal Pest Control was prepared and set up at the International Plowing Match held at Fergus. Thousands of interested farm people examined this exhibit. An exhibit was set up at the Quinte District Seed Fair at Peterborough.

Co-operation was given the Ontario Live Stock Branch with a series of Swine Promotion meetings held in Eastern Ontario. Charts and specimens were prepared as an aid to teaching in extension work. Specimens were collected and photographs secured when possible on subjects related to the work. Charts and pictures were loaned where needed to other branches of the Department. A Radio Broadcast series of short articles on Warble Fly Control was prepared and executed through C.F.R.B. Station, Toronto, during the month of March, eight short talks were given in this way.

Warble Control Project

The Barrie Island Warble Control Project went through its sixth year. The work consisted of examining all the cattle in the township for evidence of infestation. Very few Warble larvae were found and any that were found were traced to the introduction of cattle from the outside. The total larvae found was small, giving a low average infestation per animal of .40. The interest in Warble Fly control was maintained by many of our best farmers and cattle owners. Three county councils financed county wide programs for the treating of all cattle. The importation of large numbers of grub infested Western cattle each year has interfered greatly with the control of warble flies in Ontario and threatens to seriously limit further progress.

Bot Fly

The organized treating of horses for the purpose of reducing the Bot Fly pest was largely limited to Junior Farmer organizations and veterinarians. Large numbers of horses were treated in districts where the veterinary service is of high standard.

Attention has been given to the troubles that beset the rearing of fur bearing animals under domestication. There has been considerable demand for information on the rearing of mink and other fur bearers. A start has been made in equipping a laboratory to be devoted to the study of the diseases of fur bearing animals. Many specimens are received each year for autopsy and determination of disease.

The correspondence has been quite large during the year and was given the usual careful attention. Many bulletins have been sent out as well as timely press articles.

DAIRY BRANCH REPORT

Field Staff:

	1937	1936
Chief Instructors	2	2
Cheese & Butter Instructors	2	2
Cheese Instructors	30	30
Butter Instructors	10	10
	44	44

Number of Dairy Plants:

	1937	1936
Condenseries & Milk Powder Plants	34	34
Combined Cheese Factories and Creameries	42	42
Cheese Factories	640	636
Creameries	297	296
	1013	1008

Production of Cheese:

	1937	1936
Eastern Ontario	74,664,411 lbs.	70,117,109 lbs.
Western Ontario	16,915,012 lbs.	17,076,374 lbs.
Northern Ontario	331,973 lbs.	101,477 lbs.
	91,911,396 lbs.	87,294,960 lbs.

Federal Grading of Ontario Cheese:

		PERCENTAGE				
	Total Boxes	No. 1	No. 2	No. 3	No Grade	Average Score
West. Ontario	191,255	97.75	2.18	0.06	0.01	92,270
East. Ontario	806,766	94.90	4.95	0.12	0.02	92,276
North. Ontario	2,030	79.75	20.00	0.25	—	91,325
Totals and Averages	1,000,051	95.44	4.42	0.11	0.03	92,238
1936	964,133	96.70	3.20	0.08	0.02	92,492

Production of Creamery Butter:

	1937	1936
Eastern Ontario	25,747,238 lbs.	29,285,484 lbs.
Western Ontario	52,403,236 lbs.	53,226,900 lbs.
Northern Ontario	3,174,677 lbs.	3,282,447 lbs.
	81,325,151 lbs.	85,794,831 lbs.

Number of Certificates and Permits issued at April 1st:

	Cheesemakers		Buttermakers	
	1938	1937	1938	1937
First Class	412	492	290	288
Second Class	196	126	41	38
Permits	58	31	1	1
Beginners' Permits	30	32	12	15
TOTALS	696	681	344	342
Certificates of Honour for 100 per cent first grade cheese	39	64		

Checking the Grading of Cream and Butter Fat Tests at Creameries.

The creamery instructors as usual checked the butterfat tests at all creameries, and the milk tests at 34 milk condenseries and milk powder plants monthly. The grading of cream is also checked by the instructors at all creameries.

Testing Milk at Cheese Factories.

The cheese instructors tested the composite milk samples at 592 factories, with 2,577 patrons monthly. The revenue received from this work was $10,857.50.

Many farms are visited each year by the instructors to give information on the care of milk and cream and the sanitary conditions of stables, milk cans, and utensils used on the farms.

Two Day Course

Again a two-day course for cheesemakers was held at Casselman on April 21st and 22nd with an attendance of 125 during the two days. Demonstrations were given in microscopic work, milk testing, curd tests of patrons' milk, and practical demonstrations on handling curds. This course is held for the benefit of our French speaking cheesemakers, as many of them do not understand English well enough to attend our dairy schools. At this course practically all the addresses given and the discussions which take place are translated into French by members of the Dairy Branch staff.

The superintendent of the Eastern Dairy School, Kemptville, was employed by the Dairy Branch during the summer months in making microscopic tests of milk to assist the instructors to discover the cause of so many undesirable flavours in milk and cheese.

The cheesemakers' associations in each instruction group are a fine asset to the industry in improving the quality of the milk and cheese. The cheese producers' county organizations are also making useful contributions towards the welfare of the cheese industry.

The buttermakers' clubs in each instruction group are to be commended for their active work in carrying on cream grading and butter scoring competitions at their local meetings.

Members of the Dairy Branch staff gave assistance at a number of Junior Farmers 'Short Courses during the winter months by demonstrating the use of the Babcock test, the grading of cream, and the scoring of butter.

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Ontario Department of Agriculture

ANNUAL REPORT

OF THE

STATISTICS BRANCH

1938

PART I.—AGRICULTURAL STATISTICS
PART II.—CHATTEL MORTGAGES
PART III.—SUMMARY STATISTICS, 1882-1938

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SESSIONAL PAPER No. 22, 1939

ONTARIO

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1939

Ontario Department of Agriculture
Statistics Branch

PART I — AGRICULTURAL STATISTICS

The gross value of agricultural production in both Ontario and Canada showed a decline in 1938 as compared with the previous year. For Ontario the value of production amounted to $327,529,000 as against $343,137,000 in 1937, a decline of approximately $15,600,000. Low prices for field crops was the principal cause of the reduction, this item alone showing a drop of $21,300,000, notwithstanding the fact that the season was favourable and a larger aggregate volume of field crops was harvested. The value of production in Ontario of farm animals, dairy products, fruit and vegetables, poultry and eggs, tobacco, clover and grass seeds, and honey, were all somewhat higher in 1938 than in 1937. In the case of Canada, the decline in the gross value of agricultural production was $19,275,000, a decrease of $27,362,000 in the value of field crops being to a large extent offset by an increase in value for practically all other items.

GROSS VALUE OF AGRICULTURAL PRODUCTION IN ONTARIO, BY ITEMS, 1930 TO 1938

("000" omitted)

	1930 $	1931 $	1932 $	1933 $	1934 $	1935 $	1936 $	1937 $	1938 $
Field Crops.......	179,919	124,541	116,424	135,813	143,734	132,086	166,284	149,100	127,810
Farm Animals....	60,738	33,175	21,957	31,500	34,089	43,344	46,732	50,885	51,095
Wool............	632	458	287	553	342	417	533	593	345
Dairy Products....	104,859	92,276	69,079	74,117	68,304	73,305	81,830	87,647	89,153
Fruits, Vegetables.	16,820	14,412	12,733	12,553	16,608	18,697	18,002	13,003	13,469
Poultry and Eggs..	41,461	29,491	18,565	16,294	19,464	20,915	22,939	21,659	22,329
Fur Farming......	817	750	644	721	704	966	1,131	1,351	1,215
Maple Products...	1,576	1,674	888	720	1,040	1,161	1,161	880	853
Tobacco..........	6,244	6,814	5,703	6,206	6,337	10,226	8,505	15,965	18,293
Flax Fibre........	371	179	170	61	150	161	155	133	120
Clover, Grass Seed.	1,855	1,110	615	1,079	857	1,006	1,417	1,168	1,690
Honey and Wax...	870	744	619	1,097	1,309	1,115	1,062	753	1,157
TOTALS.......	416,162	305,624	247,684	280,814	292,938	303,399	349,751	343,137	327,529

GROSS VALUE OF AGRICULTURAL PRODUCTION IN CANADA, BY ITEMS, 1930 TO 1938

("000 omitted)

	1930 $	1931 $	1932 $	1933 $	1934 $	1935 $	1936 $	1937 $	1938 $
Field Crops.......	631,593	435,966	452,527	453,598	549,080	511,873	612,300	556,222	528,860
Farm Animals....	166,630	96,778	65,185	89,063	99,438	120,078	130,979	140,989	136,846
Wool............	2,311	1,644	1,093	2,005	1,255	1,493	1,861	2,049	1,498
Dairy Products...	277,154	191,390	159,074	170,829	172,864	180,756	198,672	215,623	220,164
Fruits, Vegetables.	41,777	39,692	32,157	34,588	43,424	49,964	44,015	41,816	42,952
Poultry and Eggs..	95,227	56,298	42,078	38,060	45,515	50,434	53,244	51,766	53,748
Fur Farming......	7,790	3,557	3,284	4,062	4,534	5,516	6,532	6,802	6,200
Maple Products...	5,251	3,456	2,706	2,059	3,041	3,522	3,714	2,245	3,850
Tobacco..........	7,058	7,178	6,088	6,533	7,218	10,870	9,374	17,140	19,563
Flax Fibre........	371	179	170	161	250	321	298	332	519
Clover, Grass Seed.	2,482	1,497	962	1,362	2,010	1,818	2,154	2,344	2,990
Honey...........	2,826	2,246	1,470	2,290	2,575	2,338	2,823	2,164	3,027
TOTALS.......	1,240,470	839,881	766,794	804,610	931,204	938,983	1,065,966	1,039,492	1,020,217

The co-operation of the public in filling out agricultural schedules and questionnaires during the year was excellent. The compilation of the information published in the reports listed below is based upon approximately 10,000 schedule of various types sent each month to farmers, owners of threshing machines, dairies, creameries, cheese factories, manufacturing milk plants, hatcheries, and co-operative organizations. Pupils and teachers of rural schools also extended valuable assistance in the successful carrying out of the Agricultural Survey in June and December, by distributing the Survey Cards to farmers and then collecting and forwarding them to this office.

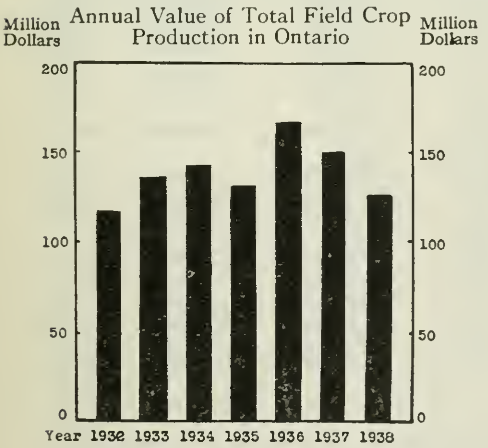
The Annual Statistics Report which shows by county division the acreage, production and value of field crops; the number and value of live stock on farms; a record of the number and amount of Chattel Mortgages outstanding; detailed weather information; and a valuable summary of field crop and live stock statistics for the Province since 1882.

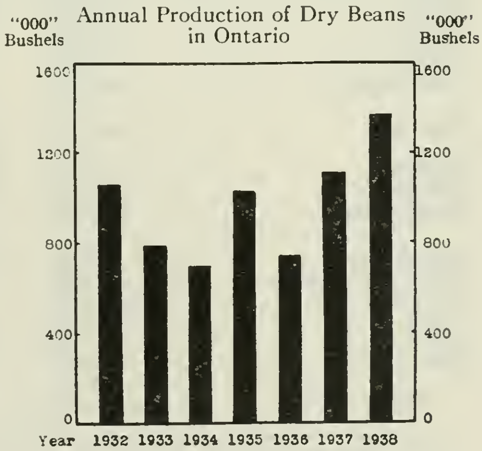
The Monthly Crop Report which contains current information relating to field crops, and live stock, including such items as acreage, condition, production, prices and trade.

The Monthly Dairy Report contains statistics of total commercial sales of whole milk by distributors in the Province of Ontario by sales areas, production of butter and cheese by county, and other information relating to prices, stocks and trade in dairy products. Both the Monthly Crop Report and the Monthly Dairy Report are well illustrated with charts.

The Fruit and Vegetable Crop Report which is issued monthly from May to October covers the development of fruits and vegetables.

A Cold Storage Report is issued on the first business day of each month showing the quantities of butter, cheese and eggs in cold storage in Toronto at the commencement of business on that day.





PRODUCTION AND SHIPPING POINT VALUE OF FRUIT IN ONTARIO, AS COMPARED WITH 1937

	Year	Total Quantity	Average Value per Unit	Total Value
		Barrels	$ c.	$
Apples	1937	745,300	2.08	1,551,700
	1938	803,100	2.04	1,638,400
		Bushels		
Pears	1937	185,500	1.14	212,200
	1938	295,800	0.92	271,300
Plums	1937	56,000	0.90	50,500
	1938	73,100	1.03	75,500
Peaches	1937	525,700	1.42	747,100
	1938	595,600	1.30	739,800
Cherries	1937	101,900	2.74	279,200
	1938	139,500	2.73	380,600
		Quarts		
Strawberries	1937	6,880,300	0.09	589,700
	1938	7,366,600	0.08	582,100
Raspberries	1937	4,043,200	0.10	414,200
	1938	5,509,800	0.08	434,800
		Pounds		
Grapes	1937	52,000,000	0.02	1,046,900
	1938	33,638,000	0.02	706,200
Total Value	1937	....	....	4,891,500
	1938	....	....	4,828,700

PRODUCTION AND VALUE OF PRINCIPAL FARM CROPS, 1938

Field Crops	Acres	Bushels per acre	Production	Market Value	
				Total	Per acre
		bush.	bush.	$	$ c.
Fall wheat	742,100	26.7	19,805,800	11,082,500	14.93
Spring wheat	88,000	18.1	1,592,300	923,500	10.49
Oats	2,262,900	36.8	83,198,300	23,232,000	10.27
Barley	544,000	30.6	16,649,000	6,798,200	12.50
Peas	52,400	17.2	899,100	1,348,700	25.74
Beans	59,700	22.9	1,366,000	1,366,000	22.88
Rye	74,100	19.4	1,439,300	626,700	8.46
Buckwheat	183,200	19.1	3,507,200	1,440,400	7.86
Flax	5,200	8.7	44,900	56,200	10.81
Corn (shelled)	180,100	42.7	7,696,200	3,307,900	18.37
		cwt.	cwt.		
Potatoes	146,200	50.8	7,428,700	5,779,000	39.53
		bush.	bush.		
Mangels	35,800	435.0	15,503,300	1,860,400	51.97
Turnips	63,400	412.0	26,101,900	3,132,200	49.40
Mixed grains	888,300	36.7	32,596,700	11,522,400	12.97
		Tons	Tons		
Sugar beets	28,200	9.80	276,400	1,796,900	63.72
Corn (for silo), green	321,800	10.79	3,470,200	8,726,700	27.12
Hay and clover	2,440,600	1.71	4,169,100	28,850,000	11.82
Alfalfa	643,100	2.38	1,527,800	11,076,700	17.22
Alsike	95,400	1.37	130,800	779,800	8.17
Sweet clover	233,600	2.12	496,300	2,451,900	10.50
Totals 1938	9,088,000	.....	....	126,158,000	13.88

The acreages devoted to other crops in 1938 were as follows:—Orchards, 184,083; strawberries, 9,145; vineyards, 14,774; other small fruits, 13,832; summer fallow, 190,542; pasture (cleared), 2,793,291.

Rape.—The estimate for 1938 was 15,527 acres of which 5,339 are in Wellington, 1,533 in Grey and 2,827 in Dufferin.

THE WEATHER

Temperature.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature for the six months, April–September, practically the growing season, together with the average for the five years, 1934–1938, and fifty-seven years, 1882–1938.

Months	1938	1937	1936	1935	1934	1934–1938	1882–1938
	°	°	°	°	°	°	°
January	16.2	25.0	16.1	15.1	21.4	18.8	17.8
February	22.2	23.5	11.1	18.1	5.4	16.1	17.8
March	32.1	24.6	31.0	31.4	24.0	28.6	27.7
April	43.6	41.0	37.2	41.1	39.6	40.5	41.5
May	53.3	54.6	56.2	48.9	55.5	53.7	53.5
June	63.5	63.5	62.3	61.6	65.5	63.3	63.4
July	69.5	68.7	69.2	71.5	68.4	69.5	68.4
August	70.3	70.1	66.1	67.5	63.3	67.4	66.0
September	56.1	57.6	59.8	56.2	62.2	58.4	59.3
October	49.5	44.7	45.9	47.4	46.4	46.8	47.5
November	37.4	35.8	30.1	36.3	40.4	36.0	35.5
December	25.0	20.9	26.2	18.5	19.6	22.0	23.4
Annual Mean	44.9	44.2	42.6	42.8	42.6	43.4	43.5
Mean for six months April–September	59.4	59.2	58.5	57.8	59.0	58.8	58.7

The mean temperature for 1938 was 44.9 or 0.7 degree above preceding year. and 1.4 degree above the normal of the fifty-seven years, 1882-1938.

The mean of the six months, April–September, was 59.4 or 0.2 degree above preceding year and 0.7 degree above the fifty-seven year normal.

Nine months were above normal and three below. February and March had the greatest departure above with 4.4 degrees and September the greatest below with 3.2 degrees.

SUNSHINE.—In the following the averages of sunshine are derived from the records of the weather stations at Woodstock, Toronto, Lindsay, Kingston and Ottawa.

Months	Sun. above horizon	1938	1937	1936	1935	1934	1934–1938	1882–1938
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January..........	285.7	76.8	78.2	61.6	93.9	50.6	72.2	76.8
February.........	291.4	93.9	98.6	113.6	98.4	151.9	111.3	104.5
March...........	369.9	129.8	141.6	96.5	144.6	121.0	126.7	141.1
April............	406.4	171.2	151.3	111.6	166.3	142.6	148.6	177.5
May.............	461.1	224.6	211.5	256.6	261.4	288.9	248.6	216.9
June............	465.7	240.7	258.9	267.9	226.8	273.4	253.5	249.7
July............	470.9	247.4	280.7	320.8	283.7	311.9	288.9	270.5
August..........	434.5	271.7	236.5	220.0	265.6	263.6	251.5	242.3
September.......	376.3	172.1	189.6	194.9	177.2	119.8	170.7	182.5
October.........	340.2	183.1	95.4	137.3	154.8	153.2	144.8	139.3
November.......	286.9	110.4	80.8	92.0	63.0	61.1	81.5	78.3
December.......	274.3	60.7	69.5	82.2	69.0	65.6	69.4	63.3
For year.....	4463.3	1982.4	1892.6	1955.0	2004.7	2003.6	1967.7	1942.9
For six months April-September.....	2614.9	1327.7	1328.5	1371.8	1381.0	1400.2	1361.8	1339.4

The year 1938 had 1,982.4 hours of sunshine, 39.5 hours more than the average for the last fifty-seven years. The six growing months, April–September, had 1,327.7 hours or 11.7 hours below average. Four months were above normal and seven below while one was normal. October had the greatest departure above with 43.8 hours and June the greatest below with 29.8 hours.

The rainfall for the six months, April–September, comprising what is regarded as the growing season for most crops, is given in the following table covering the last five years, 1934–1938, and the normal for the fifty-seven years, 1882–1938.

Months	1938	1937	1936	1935	1934	1934–1938	1882–1938
	in.	in.	in.	in.	in.	in.	in.
April....................	1.99	3.52	1.95	1.30	2.02	2.16	1.91
May.....................	2.53	2.61	1.16	1.90	1.19	1.88	2.67
June....................	2.60	2.88	2.64	4.31	2.96	3.08	2.81
July....................	3.56	3.10	1.34	3.14	1.99	2.63	2.86
August..................	3.40	2.97	2.37	1.89	1.89	2.50	2.64
September...............	3.55	3.09	3.85	2.84	4.34	3.53	2.82
Total for six months...	17.63	18.17	13.31	15.38	14.39	15.78	15.71

The rainfall for the six months, April–September, was 17.63 or 1.54 inch below preceding year, and in comparison with the fifty-seven years 1.92 inch above. Four months were above and two below. August, with 0.76 above and June with 0.21 below, had the greatest departures during the growing season.

Precipitation.—The fall of both rain and snow for the five winter months including November, 1938, and March, 1939, is given in the following table for five years, together with the average for the fifty-eight years, 1882–1939. Ten inches of snow is equivalent to one inch of rain.

Months	1939	1938	1937	1936	1935	1935–1939	1882–1939
	in.	in.	in.	in.	in.	in.	in.
November, 1938:							
Rain	1.31	2.12	1.15	2.59	2.88	2.01	2.00
Snow	8.8	4.4	11.0	6.1	4.0	6.9	7.6
December, 1938:							
Rain	0.68	0.27	1.75	0.41	0.37	0.69	1.17
Snow	20.1	22.9	12.4	15.5	18.2	17.8	15.5
January, 1939:							
Rain	0.42	0.70	2.82	0.28	1.06	1.06	0.94
Snow	21.3	17.0	11.3	20.5	21.5	18.3	18.6
February, 1939:							
Rain	1.01	2.18	1.27	0.37	0.53	1.07	0.73
Snow	25.0	9.4	11.9	19.6	12.7	15.7	15.4
March, 1939:							
Rain	0.69	2.07	0.15	1.82	1.06	1.16	1.12
Snow	15.5	7.2	11.0	17.9	8.1	11.9	11.1
Five Months:							
Rain	4.11	7.34	7.14	5.47	5.90	5.99	5.96
Snow	90.7	60.9	57.6	79.6	64.5	70.6	68.2

The total amount of rainfall for the five months was 4.11 inches or 1.15 below the average for the fifty-eight years, 1882-1939. The total amount of snowfall was 90.7 inches or 22.5 above normal.

TEMPERATURES, 1938

Table I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1938; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
	°	°	°	°	°	°	°	°	°	
January:										
Highest	44.5	47.0	45.0	42.3	50.0	47.0	39.8	41.0	44.0	39.9
Lowest	—11.2	0.0	—4.0	—2.1	—14.8	—4.0	—14.9	—21.0	—25.0	—36.0
Daily range	12.7	11.5	15.3	14.2	14.7	12.8	18.1	18.9	19.2	29.5
Monthly mean	18.7	23.8	19.3	19.0	22.8	22.3	14.7	11.5	9.6	0.0
February:										
Highest	49.2	60.0	54.5	47.8	53.3	51.0	45.1	37.0	38.0	35.0
Lowest	—2.2	3.0	0.0	—1.0	4.1	—4.0	—10.0	—18.0	—13.0	—40.0
Daily range	14.0	12.5	13.8	14.0	11.8	13.4	16.9	20.0	17.3	29.7
Monthly mean	23.4	30.4	27.8	26.0	28.8	27.2	21.0	16.9	14.4	6.0
March:										
Highest	73.8	76.0	74.6	73.0	72.4	73.0	69.5	66.0	57.0	62.0
Lowest	—10.5	9.0	1.8	—2.0	1.0	—5.0	—13.5	—26.0	—34.0	—37.0
Daily range	17.8	16.5	18.6	18.2	18.0	16.7	18.8	20.7	18.0	28.0
Monthly mean	32.8	40.2	36.6	35.1	37.9	35.7	30.4	27.3	24.1	20.5
April:										
Highest	78.0	84.0	81.8	79.9	84.1	83.0	83.0	79.0	83.0	82.0
Lowest	15.0	23.0	18.4	18.0	24.4	20.0	11.6	9.0	14.0	7.0
Daily range	18.0	15.6	17.5	18.4	15.6	16.0	19.1	22.8	17.4	23.4
Monthly mean	42.0	47.4	44.9	44.7	46.0	46.2	42.9	41.5	43.5	36.5
May										
Highest	79.5	81.0	79.7	81.2	74.0	78.0	80.0	82.0	78.0	83.0
Lowest	32.0	31.0	28.7	30.0	33.0	36.0	32.0	26.0	34.0	23.0
Daily range	18.5	18.6	20.6	20.3	18.9	17.5	22.9	26.0	21.4	33.3
Monthly mean	51.2	54.3	54.2	53.8	51.8	55.1	55.6	52.1	54.2	50.4
June:										
Highest	81.7	92.0	86.8	87.8	89.4	88.0	91.0	86.0	92.0	93.0
Lowest	40.0	45.0	38.9	42.5	46.2	47.0	40.0	35.0	41.0	33.0
Daily range	17.9	20.8	21.1	19.8	19.6	20.0	27.0	26.8	24.7	32.3
Monthly mean	60.2	66.3	62.6	63.5	66.7	65.8	65.0	60.3	64.5	59.8
July:										
Highest	88.5	90.0	88.5	88.0	93.6	92.0	90.0	87.0	87.0	90.0
Lowest	45.2	55.0	47.3	50.0	50.0	53.0	49.0	44.0	45.0	36.0
Daily range	18.1	19.0	21.5	20.4	16.9	19.2	23.8	23.8	21.5	33.8
Monthly mean	68.0	72.5	70.1	69.7	72.1	71.8	70.3	66.5	69.1	64.9
August:										
Highest	91.5	90.0	89.2	88.5	90.8	92.0	96.0	89.0	93.0	97.0
Lowest	48.5	54.0	46.8	50.0	52.5	53.0	45.0	35.0	40.0	30.5
Daily range	18.2	18.9	20.8	20.1	17.4	19.6	24.6	22.1	22.3	28.5
Monthly mean	70.1	73.5	71.0	71.0	73.9	72.9	72.1	66.0	69.1	63.6
September:										
Highest	79.2	85.0	80.0	76.8	79.8	82.0	73.3	74.0	74.0	79.0
Lowest	36.5	39.0	36.8	38.0	39.0	42.0	34.3	29.0	33.0	25.5
Daily range	19.3	17.2	19.6	19.0	14.1	16.5	18.7	22.2	18.4	27.9
Monthly mean	56.1	60.9	57.3	57.1	59.4	58.9	54.7	52.6	54.2	49.6
October:										
Highest	81.2	83.0	81.6	81.1	82.0	82.0	78.3	78.0	81.0	78.0
Lowest	25.5	29.0	25.5	27.2	30.4	33.0	24.1	22.0	24.0	18.0
Daily range	19.3	20.9	23.5	20.7	17.6	16.6	20.4	21.1	21.8	24.1
Monthly mean	50.0	54.7	50.1	50.4	52.4	52.1	48.1	46.5	47.5	43.4
November:										
Highest	71.5	71.0	68.5	69.1	75.2	69.0	67.9	67.0	71.0	66.0
Lowest	7.8	11.0	10.2	7.5	14.0	14.0	6.5	—3.0	6.0	—6.0
Daily range	15.7	15.9	18.9	18.7	17.2	15.0	16.6	17.9	18.6	20.5
Monthly mean	39.6	41.4	38.5	37.6	41.8	41.2	36.9	34.1	34.3	28.9
December:										
Highest	47.0	48.0	45.8	46.7	56.2	51.0	46.5	42.0	43.0	39.0
Lowest	5.8	6.0	—3.1	2.0	7.9	9.0	—12.3	—19.0	—13.0	—36.0
Daily range	19.8	10.3	12.1	11.5	10.7	10.2	14.3	14.6	14.3	22.1
Monthly mean	27.3	28.9	26.9	26.0	30.9	30.9	23.5	21.3	20.3	14.5
Annual mean	44.9	49.5	46.6	46.2	48.7	48.3	44.6	41.4	42.1	36.5

AVERAGE TEMPERATURE FOR FIFTY-SEVEN YEARS

Table II.—Showing for each month the monthly average for the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario, derived from the fifty-seven years, 1882-1938; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
January:	°	°	°	°	°	°	°	°	°	°
Highest	44.4	46.7	45.8	45.5	49.4	45.5	41.7	40.8	40.9	38.2
Lowest	—6.9	—6.3	—8.6	—9.3	—3.8	—6.0	—19.0	—26.7	—20.9	—34.4
Daily range	14.2	12.4	14.8	15.0	14.1	14.1	17.9	20.1	17.7	24.9
Monthly mean	21.1	22.9	21.9	20.7	20.2	23.0	16.3	14.3	12.1	5.9
February:										
Highest	44.0	49.6	46.6	45.3	48.3	45.2	41.8	41.5	40.5	41.1
Lowest	—11.2	—6.7	—9.5	—9.5	—4.4	—6.1	—17.1	—25.8	—19.4	—34.8
Daily range	16.2	14.2	16.3	16.1	14.9	14.8	19.5	21.8	18.9	25.8
Monthly mean	19.0	22.3	20.8	19.7	23.5	21.9	15.8	13.7	13.0	8.2
March:										
Highest	54.7	60.4	59.8	57.4	60.1	57.1	53.1	51.1	50.2	51.4
Lowest	—2.0	2.9	0.9	0.9	6.6	4.9	—6.0	—12.9	—7.7	—23.2
Daily range	16.4	15.4	17.3	16.2	14.7	14.4	18.5	20.5	17.3	25.8
Monthly mean	27.3	31.5	30.4	28.8	32.7	30.6	26.1	23.9	25.0	20.2
April:										
Highest	72.2	77.3	75.8	73.8	76.5	71.5	74.3	71.3	73.8	72.2
Lowest	16.1	19.8	18.7	18.2	21.5	21.5	14.5	10.0	15.7	4.1
Daily range	17.3	18.6	20.5	19.3	17.1	16.6	20.8	21.1	19.2	24.3
Monthly mean	40.0	44.4	43.1	42.1	43.9	42.9	41.3	38.9	41.3	37.2
May:										
Highest	79.8	84.3	83.5	81.0	84.6	81.1	83.3	81.0	83.5	84.5
Lowest	28.4	30.1	29.2	29.4	32.9	32.3	27.7	25.7	31.0	19.6
Daily range	19.3	21.6	23.0	21.6	20.4	19.3	24.2	23.6	21.9	27.2
Monthly mean	50.7	55.9	55.0	53.6	54.5	54.1	53.9	51.8	54.9	50.9
June:										
Highest	85.1	89.8	89.4	86.5	90.9	87.9	89.3	86.6	88.5	90.1
Lowest	37.4	39.3	38.1	38.9	41.5	42.4	38.1	35.2	41.2	32.7
Daily range	19.8	22.0	23.5	22.0	21.1	20.3	24.9	24.7	21.7	28.3
Monthly mean	60.3	65.6	64.7	63.4	65.0	64.3	63.6	61.6	64.9	60.9
July:										
Highest	87.7	93.9	92.9	89.9	93.2	91.9	92.2	89.5	91.3	92.1
Lowest	44.2	45.7	44.3	44.7	48.3	49.3	44.1	41.7	48.1	39.2
Daily range	19.8	22.4	23.5	22.2	21.1	20.3	24.8	23.8	21.0	28.8
Monthly mean	66.2	70.6	69.5	68.0	71.1	69.6	68.0	66.2	69.0	65.9
August:										
Highest	86.4	91.7	91.1	88.5	92.9	89.5	90.4	87.4	89.2	88.6
Lowest	42.1	44.2	41.3	42.1	46.2	47.1	40.7	37.5	44.0	35.9
Daily range	18.4	21.6	23.4	22.8	20.6	21.4	24.5	23.4	21.2	26.1
Monthly mean	64.8	68.4	67.1	65.6	69.0	66.7	65.7	63.8	66.4	62.0
September:										
Highest	84.3	88.5	87.3	84.9	89.1	85.7	85.5	82.9	85.0	83.5
Lowest	34.5	35.4	32.4	33.0	36.4	37.1	31.8	29.6	33.6	28.2
Daily range	18.1	20.1	22.2	21.1	19.9	18.6	22.7	21.7	20.7	24.2
Monthly mean	59.1	62.3	60.8	59.3	62.6	60.8	58.4	57.0	58.6	54.6
October:										
Highest	74.6	77.3	76.2	74.3	77.5	73.6	74.3	72.2	73.0	72.7
Lowest	25.8	26.9	24.2	24.2	26.8	27.4	21.3	20.3	24.1	17.3
Daily range	16.1	17.7	19.9	18.5	18.3	16.3	20.0	18.9	17.8	20.0
Monthly mean	48.1	50.4	48.5	47.4	50.6	48.9	46.4	45.3	46.2	42.7
November:										
Highest	61.8	64.1	62.4	61.8	65.6	61.0	59.7	58.8	59.3	55.8
Lowest	14.1	14.9	13.0	12.3	17.6	15.7	6.4	4.9	7.4	—2.1
Daily range	13.2	12.7	14.4	14.0	13.8	12.7	15.4	14.8	12.8	15.5
Monthly mean	36.9	38.2	36.9	35.8	39.6	37.9	34.9	32.9	33.0	28.7
December:										
Highest	48.5	50.0	51.5	48.6	52.8	48.8	45.4	44.2	43.2	42.7
Lowest	0.2	1.5	—1.8	—2.7	1.0	0.2	—12.6	—16.2	—14.7	—25.7
Daily range	12.2	10.9	13.1	12.9	12.4	12.4	16.1	16.9	14.8	19.9
Monthly mean	26.5	27.3	26.3	25.1	29.1	27.6	21.2	20.0	17.9	13.4
The year	43.3	46.7	45.4	44.1	46.8	45.7	42.6	40.8	41.9	37.6

RAIN AND SNOW

TABLE III.—Summary of the total fall of rain and snow and the number of days on which rain and snow fell in Ontario during 1938, at stations reporting the whole year, and the average of the Province.

Stations	Rain		Snow	
	Inches	Days	Inches	Days
ALGOMA:				
Biscotasing	23.48	98	113.4	54
Franz	22.88	111	148.7	67
Kapuskasing	23.02	91	101.7	57
Steep Hill Falls	29.90	61	218.0	50
BRANT:				
Brantford	23.12	80	43.5	28
Paris	28.85	113	47.8	31
BRUCE:				
Southampton	23.64	125	103.5	67
Tobermory	25.77	62	86.3	29
Walkerton	25.78	80	86.0	34
CARLETON:				
Ottawa	28.48	95	51.3	45
DUNDAS:				
Morrisburg	29.59	99	62.5	46
Orono	25.78	101	61.2	40
ELGIN:				
St. Thomas	31.29	101	46.2	23
ESSEX:				
Harrow	30.62	103	54.0	32
Leamington	26.65	87	27.9	21
FRONTENAC:				
Kingston	27.44	116	45.4	32
GREY:				
Eugenia	18.55	72	65.0	29
HALTON:				
Georgetown	22.08	78	35.7	22
HASTINGS:				
Belleville	23.67	119	57.9	51
Queensboro	In	com	plete	
Trenton	23.79	88	54.8	26
HURON:				
Brucefield	23.05	66	52.5	25
Lucknow	20.31	76	83.0	49
Ridgecrest	25.22	64	45.0	15
KENORA:				
Ignace	20.54	72	59.0	31
KENT:				
Chatham	26.57	99	30.0	24
LEEDS:				
Brockville	In	com	plete	
LINCOLN:				
St. Catharines	22.97	97	30.7	19
Vineland	24.95	101	38.7	32
MANITOULIN:				
Providence Bay	18.70	45	64.3	18
MIDDLESEX:				
London	24.86	122	65.1	53
Lucan	33.24	94	91.3	41
MUSKOKA:				
Beatrice	23.66	91	128.0	44
NIPISSING:				
Algonquin Park	In	com	plete	
Haileybury	25.75	125	85.3	74
Iroquois Falls	26.91	108	129.0	54
Madawaska	20.94	59	52.5	18
Montreal River	23.87	114	100.2	63
North Bay	28.13	136	56.7	77
Rutherglen	24.68	81	58.5	23
NORFOLK:				
Simcoe	29.68	102	53.5	26
NORTHUMBERLAND:				
Healey Falls	23.53	78	56.5	36
OXFORD:				
Woodstock	27.33	100	47.7	37
PARRY SOUND:				
Magnetawan	26.25	109	94.8	69
NIPISSING:				
Parry Sound	24.61	117	134.2	83
PEEL:				
Alton	In	com	plete	
PERTH:				
Stratford	24.53	99	66.8	43
PETERBOROUGH:				
Apsley	28.89	109	72.2	50
Lakefield	28.39	61	38.8	29
Peterborough	31.05	106	44.8	41
RAINY RIVER:				
Emo	In	com	plete	
Fort Frances	21.65	71	52.1	27
Kenora	17.75	48	68.5	28
Mine Centre	21.08	72	68.2	39
Sioux Lookout	19.04	103	54.6	....
Atikokan	24.34	46	51.8	22
RENFREW:				
Clontarf	27.82	78	54.9	27
Pembroke	28.06	81	49.4	37
SIMCOE:				
Orillia	27.35	107	83.9	52
Washago	29.14	109	71.3	40
SUDBURY:				
Chapleau	19.16	76	94.7	62
Coniston	In	com	plete	
Timmins	25.41	121	173.4	79
THUNDER BAY:				
Kakabeka Falls	21.35	77	48.7	31
Port Arthur	22.93	79	86.0	45
Savanne	22.91	81	78.5	40
Schreiber	28.47	93	107.3	45
VICTORIA:				
Fenelon Falls	27.37	109	54.0	48
Lindsay	In	com	plete	
WELLAND:				
Welland	28.80	96	66.1	45
WELLINGTON:				
Guelph	29.14	88	58.1	35
YORK:				
Agincourt	21.39	104	28.6	34
Toronto	21.93	117	37.2	43
Average for the				
Province 1938	25.61	92	67.6	41
1937	27.46	91	67.2	44
1936	21.78	84	90.2	79
1882–1938	24.33	74	72.7	40

RAIN AND SNOW

Table IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1938. Also the average derived from the fifty-seven years, 1882-1938.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1938	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January	0.69	17.5	0.23	22.1	0.74	16.3	1.13	12.1	0.70	17.0
February	3.59	5.8	0.10	18.5	2.82	5.6	2.23	7.6	2.18	9.4
March	2.64	3.9	1.49	7.6	2.16	7.7	1.99	9.6	2.07	7.2
April	1.37	5.2	3.29	2.8	1.54	5.3	1.76	6.3	1.99	4.9
May	3.13	......	2.11	0.2	2.24	0.4	2.66	......	2.53	0.2
June	2.27	......	3.78	......	2.09	......	2.24	......	2.60	......
July	2.99	......	3.54	......	3.02	......	4.70	......	3.56	......
August	3.56	......	3.53	......	3.25	......	3.25	......	3.40	......
September	2.75	......	1.91	......	4.64	......	4.91	......	3.55	......
October	1.01	......	1.29	0.1	1.30	......	0.54	......	1.04	Trace
November	1.18	8.3	1.65	15.9	1.32	9.2	1.11	1.9	1.31	8.8
December	1.06	20.0	0.15	24.0	0.75	21.1	0.74	15.3	0.68	20.1
The year	26.24	60.7	23.07	91.2	25.87	65.6	27.26	52.8	25.61	67.6
1882–1938										
January	1.20	15.9	0.49	22.1	1.08	16.6	1.01	19.0	0.94	18.4
February	1.07	13.4	0.33	17.6	0.86	14.0	0.63	16.1	0.72	15.3
March	1.39	8.9	0.77	13.3	1.31	10.2	1.24	11.7	1.18	11.0
April	2.21	2.3	1.51	4.8	2.08	3.2	1.84	3.6	1.91	3.5
May	2.97	0.1	2.38	0.3	2.70	0.1	2.62	0.1	2.67	0.1
June	2.90	......	2.76	......	2.78	......	2.81	......	2.81	.....
July	2.73	......	3.04	......	2.84	......	2.85	......	2.86	.....
August	2.70	......	2.79	......	2.44	......	2.63	......	2.64	......
September	2.78	......	3.13	Trace	2.64	......	2.71	Trace	2.82	......
October	2.68	0.9	2.74	2.5	2.55	0.8	2.46	1.0	2.61	1.3
November	2.28	5.9	1.65	12.1	2.08	5.5	1.99	6.8	2.00	7.6
December	1.81	14.4	0.65	20.0	1.16	13.1	1.07	14.4	1.17	15.5
The year	26.72	61.8	22.24	92.7	24.52	63.5	23.86	72.7	24.33	72.7

SUNSHINE

Table V.—Monthly summary of bright sunshine at the principal stations in Ontario for 1938 showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year and average derived from the fifty-seven years, 1882-1938.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Kingston	Ottawa	Average of five stations		
							1938	1937	1882–1938
1938	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January..........	285.7	66.0	65.1	62.7	93.1	97.2	76.8	78.2	....
February..........	291.4	85.3	85.0	89.8	106.2	103.2	93.9	98.6	....
March............	369.9	124.3	129.7	116.8	139.9	138.4	129.8	141.6	....
April.............	406.4	183.8	166.6	148.1	188.2	169.4	171.2	151.3	....
May.............	461.1	235.8	216.8	175.4	247.8	247.1	224.6	211.5	....
June.............	465.7	268.9	229.9	172.7	249.6	282.4	240.7	258.9	....
July..............	470.9	268.6	256.9	193.0	255.4	263.2	247.4	280.7	....
August...........	434.5	291.4	276.7	228.4	284.7	277.3	271.7	236.5	....
September........	376.3	169.6	188.1	161.2	179.9	161.6	172.1	189.6	....
October...........	340.2	183.6	191.2	174.3	193.2	173.2	183.1	95.4	....
November........	286.9	116.7	116.3	90.0	127.5	101.3	110.4	80.8	....
December.........	274.3	41.9	64.0	39.1	85.1	73.3	60.7	69.5	....
For year......	4,463.3	2,035.9	1,986.3	1,651.5	2,150.6	2,087.6	1,982.4	1,892.6	....
1882–1938									
January..........	....	66.6	77.1	71.8	79.7	89.2	....	....	76.9
February..........	....	93.3	106.9	98.2	110.5	112.9	....	....	104.4
March............	....	125.6	150.0	137.9	143.4	148.9	....	....	141.2
April.............	....	167.1	184.7	170.8	177.2	187.7	....	....	177.5
May.............	....	218.4	227.8	205.1	214.2	219.2	....	....	216.9
June.............	....	257.4	264.9	229.8	250.4	246.1	....	....	249.7
July..............	....	280.6	287.6	245.8	273.7	264.8	....	....	270.5
August...........	....	239.5	254.9	222.3	250.1	245.5	....	....	242.4
September........	....	177.8	204.1	174.2	182.2	174.6	....	....	182.6
October...........	....	146.5	153.0	126.9	136.7	133.5	....	....	139.3
November........	....	77.0	83.6	69.1	80.8	80.7	....	....	78.2
December.........	....	55.8	65.5	56.8	69.3	68.2	....	....	63.1
For year .	....	1,905.6	2,060.1	1,800.7	1,968.2	1,971.3	....	....	1,942.7

RURAL AREA ASSESSED

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1938 to the Department of Municipal Affairs.

Counties and Districts	Acres of Assessed Land			Acres Cleared			Per cent. cleared
	Resident	Non-resident	Total	Resident	Non-resident	Total	
Algoma	260,703	73,710	334,413	69,003	4,123	73,126	21.87
Brant	214,600	....	214,600	177,960	....	177,960	82.93
Bruce	920,743	10,453	931,196	577,248	5,793	583,041	62.61
Carleton	538,077	23,601	561,678	372,567	12,438	385,005	68.55
Cochrane	143,011	33,191	176,202	25,190	3,557	28,747	16.31
Dufferin	355,901	....	355,901	284,130	....	284,130	79.83
Dundas	240,035	....	240.035	194,422	....	194,422	81.00
Durham	367,737	3,881	371,618	311,101	2,220	313,321	84.31
Elgin	430,052	8,456	438,508	360.748	7,218	367,966	83.91
Essex	404,559	12,686	417,245	368,815	11,210	380,025	91.08
Frontenac	644,882	68,848	713,730	283,606	11,310	294,916	41.32
Glengarry	287,681	1,173	288,854	197,961	750	198,711	68.79
Grenville	266,759	5,116	271,875	183,278	3,139	186,417	68.57
Grey	1,064,036	1,516	1,065,552	694,574	988	695,562	65.28
Haldimand	280,035	2,345	282,380	246,880	1,884	248,764	88.10
Haliburton	435,543	46,370	481,913	39,767	6,927	46,694	9.69
Halton	216.572	7,437	224.009	172,667	2,012	174,679	77.98
Hastings	931,994	137,463	1,069,457	387,380	17,390	404,770	37.85
Huron	789,112	11,061	800,173	670,251	9,348	679,599	84.93
Kenora	84,591	13,737	98,328	11,285	1,863	13,148	13.37
Kent	559,201	9,164	568,365	500,745	7,226	507,971	89.37
Lambton	659,041	2,603	661,644	562,257	2,067	564,324	85.29
Lanark	659,266	5,626	664,892	337,228	3,033	340,261	51.18
Leeds	458,445	7,899	466,344	265,180	3,051	268,231	57.52
Lennox & Addington	401,857	13,650	415,507	251,746	2,923	254,669	61.29
Lincoln	188,175	538	188,713	163,108	426	163,534	86.66
Manitoulin	290,933	81,994	372,927	52,504	2,003	54,507	14.62
Middlesex	734,152	18,154	752,306	661,482	17,759	679,241	90.29
Muskoka	496,956	49,876	546,832	68,080	3,713	71,793	13.13
Nipissing	314,042	19,532	333,574	85,853	3,073	88,926	26.66
Norfolk	392,623	1,029	393,652	267,648	418	268,066	68.10
Northumberland	422,592	996	423,588	362,527	900	363,427	85.80
Ontario	496,550	8,555	505,105	378,314	3,179	381,493	75.53
Oxford	469,611	1.882	471,493	409,132	1,274	410,406	87.04
Parry Sound	511,804	85,207	597,011	88,715	7,324	96,039	16.09
Peel	286,323	2,754	289,077	261,571	2,122	263,693	91.22
Perth	513,587	4,323	517,910	422,249	38,220	460,469	88.91
Peterborough	502,497	67,635	570,132	245,742	10,199	255,941	44.89
Prescott	285,640	4,359	289,999	222,991	3,107	226,098	77.97
Prince Edward	234,410	....	234,410	198,325	....	198,325	84.61
Rainy River	337,323	55,691	393,014	59,501	6,603	66,104	16.82
Renfrew	994,616	80,956	1,075,572	376,018	24,040	400,058	37.19
Russell	232,485	18,671	251,156	160,986	12,289	173,275	68.99
Simcoe	937,187	17,091	954,278	683,191	7,119	690,310	72.34
Stormont	247,825	....	247,825	178,707	....	178,707	72.11
Sudbury	319,864	121,952	441,816	83,927	11,231	95,158	21.54
Thunder Bay	492,155	31,524	523,679	61,858	3,163	65,021	12.42
Timiskaming	253,587	41,642	295,229	79,575	7,905	87,480	29.63
Victoria	575,872	14,990	590,862	295,054	4,882	299,936	50.76
Waterloo	306,048	....	306,048	260,540	....	260,540	85.13
Welland	217,130	3,195	220,325	182,112	1,302	183,414	83.25
Wellington	627,147	....	627,147	522,104	....	522,104	83.25
Wentworth	264,091	....	264,091	204,007	....	204,007	77.25
York	508,907	17,729	526,636	443,374	512	443,886	84.29
The Province:							
1938	24,068,565	1,250,261	25,318,826	15,025,184	293,233	15,318,417	60.50
1937	24,169,857	1,213,592	25,383,449	15,075,635	244,498	15,320,133	60.35
1936	24,057,159	1,217,566	25,274,723	14,933,694	280,054	15,213,748	60.19

NOTE —Statistics regarding non-resident lands which should include unoccupied lands assessable are not satisfactory, as many assessors do not make any distinction on their rolls.

FALL WHEAT AND SPRING WHEAT

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	173	22.2	3,841	3,034	1,031	12.7	13,094	10,213
Brant	16,788	24.5	411,306	235,267	201	19.8	3,980	2,229
Bruce	28,732	24.7	709,680	391,034	1,626	18.3	29,756	16,068
Carleton	266	24.0	6,384	3,703	4,589	18.3	83,979	47,868
Cochrane	55	22.3	1,227	1,043	298	18.1	5,394	4,531
Dufferin	4,348	22.6	98,265	56,306	2,371	18.9	44,812	25,095
Dundas	69	23.6	1,628	920	1,361	18.1	24,634	14,041
Durham	13,275	29.5	391,613	218,128	2,781	19.3	53,673	28,983
Elgin	21,641	26.5	573,487	321,726	465	20.1	9,347	5,197
Essex	54,055	24.0	1,297,320	692,769	1,413	20.4	28,825	14,931
Frontenac	399	25.0	9,975	5,905	1,985	16.6	32,951	19,771
Glengarry	241	23.4	5,639	3,101	2,015	15.8	31,837	17,192
Grenville	126	22.0	2,772	1,644	581	18.5	10,749	6,342
Grey	24,896	23.0	572,608	322,951	2,935	17.6	51,656	28,411
Haldimand	18,517	28.2	522,179	290,332	1,087	20.1	21,849	11,711
Haliburton	19	24.2	460	269	76	17.8	1,353	769
Halton	9,505	28.3	268,992	157,091	2,043	20.0	40,860	23,699
Hastings	4,734	26.2	124,031	73,426	1,752	18.0	31,536	18,291
Huron	48,287	25.1	1,212,004	684,782	1,665	19.6	32,634	18,210
Kenora	13	21.7	282	234	321	16.1	5,168	4,238
Kent	78,352	25.7	2,013,646	1,113,546	1,468	21.0	30,828	17,264
Lambton	56,277	28.7	1,615,150	885,102	1,202	22.3	26,805	14,207
Lanark	187	19.3	3,609	2,161	3,867	17.3	66,899	39,203
Leeds	312	25.2	7,862	4,749	1,278	19.4	24,793	14,826
Lennox & Add'gton	1,061	27.1	28,753	17,309	2,218	20.4	45,247	26,696
Lincoln	10,008	28.5	285,228	164,862	394	21.5	8,471	4,778
Manitoulin	522	24.6	12,841	10,016	526	16.1	8,469	6,521
Middlesex	51,347	28.9	1,483,928	816,160	867	21.4	18,554	10,130
Muskoka	43	23.4	1,006	598	144	16.2	2,333	1,330
Nipissing	63	21.4	1,348	1,065	463	14.9	6,899	5,381
Norfolk	13,379	25.0	334,475	186,637	428	20.9	8,945	4,920
Northumberland	13,160	27.0	355,320	205,375	2,166	17.7	38,338	21,469
Ontario	14,873	31.8	472,961	271,007	2,848	20.3	57,814	32,838
Oxford	29,241	28.5	833,369	472,520	374	22.5	8,415	4,712
Parry Sound	39	24.5	956	574	365	16.8	6,132	3,557
Peel	14,078	29.3	412,485	234,291	2,965	19.7	58,411	32,126
Perth	30,203	25.2	761,116	436,119	896	22.2	19,891	11,258
Peterborough	10,257	27.7	284,119	159,959	1,221	17.3	21,123	11,618
Prescott	246	22.2	5,461	3,266	1,360	18.8	25,568	15,341
Prince Edward	2,775	23.2	64,380	35,860	1,036	18.0	18,648	10,070
Rainy River	107	23.5	2,515	2,012	1,013	15.7	15,904	12,564
Renfrew	992	22.4	22,221	13,066	11,965	12.7	151,956	90,566
Russell	79	23.1	1,825	1,095	1,088	17.7	19,258	11,362
Simcoe	58,360	26.5	1,546,540	859,876	2,871	18.5	53,114	28,575
Stormont	128	22.8	2,918	1,736	765	19.3	14,765	8,711
Sudbury	56	19.7	1,103	893	738	13.5	9,963	7,970
Thunder Bay	118	21.5	2,537	2,004	1,104	17.9	19,762	15,414
Timiskaming	57	23.4	1,334	1,107	1,321	18.1	23,910	19,606
Victoria	11,564	24.8	286,787	157,446	1,749	18.2	31,832	16,871
Waterloo	23,514	28.0	658,392	381,209	434	18.8	8,159	4,569
Welland	17,003	23.3	396,170	227,402	269	21.8	5,864	3,284
Wellington	14,891	25.8	384,188	216,298	3,156	20.2	63,751	35,063
Wentworth	12,626	26.8	338,377	189,829	674	20.9	14,087	7,748
York	30,005	32.3	969,162	543,700	4,172	23.8	99,294	55,207
The Province:								
1938	742,062	26.7	19,805,775	11,082,514	88,001	18.1	1,592,289	923,545
1937	718,813	26.0	18,691,535	19,427,921	94,174	17.0	1,600,648	1,638,457

OATS AND BARLEY

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Oats and Barley for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	11,386	26.5	301,729	107,114	1,742	19.8	34,492	15,866
Brant	27,391	35.1	961,424	266,314	5,864	30.5	178,852	75,654
Bruce	85,833	37.0	3,175,821	851,120	19,924	30.1	599,712	237,486
Carleton	67,569	34.8	2,351,401	700,717	15,873	30.3	480.952	203,443
Cochrane	4,997	26.6	132,920	52,105	1,052	24.8	26,090	12,523
Dufferin	42,795	37.9	1,621,931	442,787	14,976	29.0	434,304	177,196
Dundas	16,398	33.0	541,134	162,881	11,580	28.3	327,714	143,866
Durham	38,859	36.5	1,418,354	380,119	9,180	32.5	298,350	118,445
Elgin	48,344	38.9	1,880,582	534,085	5,825	33.6	195,720	82,594
Essex	62,051	34.9	2,165,580	595,535	7,819	29.3	229,097	95,304
Frontenac	29,390	34.4	1,011,016	289,151	3,926	23.4	91,868	40,789
Glengarry	40,145	33.2	1,332,814	391,847	8,005	26.4	211.332	91,084
Grenville	24,168	33.0	797,544	241,656	4,359	26.9	117,257	50,186
Grey	121,007	37.5	4,537,763	1,211,583	31,304	28.7	898,425	353,979
Haldimand	34,640	37.1	1,285,144	332,852	7,528	31.2	234,874	92,305
Haliburton	6.852	28.8	197,338	54,268	277	28.1	7,784	3,269
Halton	23,711	37.7	893,905	253,869	7,895	31.7	250,272	100,860
Hastings	70,928	34.6	2,454,109	689,605	13,279	28.3	375,796	163,471
Huron	94,573	39.2	3,707,262	1,000,961	32,002	32.7	1,046,465	418,586
Kenora	2,874	29.6	85,070	31,731	576	25.0	14,400	6,624
Kent	62,782	46.4	2,913,085	722,445	12,496	33.1	413,618	190,264
Lambton	78,238	39.2	3,066.930	797,402	15,214	33.3	506,626	199,611
Lanark	36,697	34.8	1,277,056	372,900	8,374	27.3	228,610	91,444
Leeds	39,155	32.1	1,256,876	393,402	4,675	26.8	125,290	54,626
Lennox & Add'gton	33,180	32.4	1,075,032	316,059	7,463	27.7	206,725	88,065
Lincoln	19,497	38.9	758,433	211,603	1,865	33.4	62,291	24,916
Manitoulin	7,201	33.6	241,954	90,491	1,447	24.7	35,741	16,655
Middlesex	92,644	39.2	3,631,645	933,333	18,737	33.4	625,816	256,585
Muskoka	10,721	32.1	344,144	100,490	468	28.0	13,104	5,897
Nipissing	18,322	27.6	505,687	171,428	2,553	25.9	66,123	30,417
Norfolk	30,128	37.8	1,138,838	312,042	2,836	31.3	88,767	34,619
Northumberland	60,101	36.8	2,211,717	639,186	8,638	30.3	261,731	110,450
Ontario	55,270	40.7	2,249,489	609,612	13,712	35.5	486,776	190,329
Oxford	52,209	44.5	2,323,301	634,261	10,001	37.5	375,038	154,516
Parry Sound	18,264	30.2	551,573	158,301	1,595	27.6	44,022	19,062
Peel	33,751	38.0	1,282,538	374,501	16,434	31.4	516,028	212,604
Perth	71,002	38.1	2,705,176	752,039	24,639	35.0	862,365	344,946
Peterborough	44,859	36.4	1,632,868	476,797	7,142	28.0	199,976	79,190
Prescott	50,012	38.4	1,920,461	601,104	10,548	30.0	316,440	136,069
Prince Edward	25,716	34.5	887,202	235,109	8,199	26.5	217,274	84,085
Rainy River	7,994	26.1	208,643	63,219	3,845	24.0	92,280	43,372
Renfrew	67,190	32.0	2,150,080	625,673	12,562	25.8	324.100	137,094
Russell	34,581	30.1	1,040,888	316,430	7,393	24.3	179,650	74,016
Simcoe	104,334	35.2	3,672,557	987,918	41,232	28.4	1,170,989	450,831
Stormont	27,498	35.9	987,178	286,282	6,142	28.5	175,047	73,870
Sudbury	14,807	27.9	413,115	145,416	2,192	24.2	53,046	25,462
Thunder Bay	5,725	35.8	204,955	71,734	1,501	32.0	48,032	23,536
Timiskaming	15,203	33.0	501,699	179,608	3,813	31.1	118,584	58,106
Victoria	50,969	32.2	1,641,202	420,148	15,985	29.2	466,762	180,170
Waterloo	42,031	42.5	1,786,318	500,169	9,310	35.0	325,850	134.250
Welland	23,899	36.3	867,534	229,897	1,902	30.2	57,440	23,091
Wellington	82,113	36.5	2,997,125	848,186	22,522	30.2	680,164	266,624
Wentworth	29,409	39.1	1,149,892	308,171	6,984	30.4	212,314	84,501
York	63,517	43.3	2,750,286	756,329	28,612	36.3	1,038,616	415,446
The Province:								
1938	2,262,930	36.8	83,198,318	23,231,985	544,017	30.6	16,648,991	6,798,249
1937	2,263,935	32.6	73,712,238	31,035,041	555,939	28.8	16,029,856	9,380,594

PEAS AND BEANS

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	515	16.0	8,240	12,690	24	12.8	307	322
Brant	575	18.0	10,350	15,215	153	18.3	2,800	2,744
Bruce	1,779	18.0	32,022	47,072	302	14.5	4,379	4,291
Carleton	705	20.0	14,100	21,573	97	15.2	1,474	1,518
Cochrane	308	13.3	4,096	6,267	4	12.6	50	59
Dufferin	554	16.3	9,030	13,094	54	14.3	772	803
Dundas	50	16.9	845	1,276	58	14.1	818	957
Durham	3,452	16.5	56,958	86,576	446	15.2	6,779	6,915
Elgin	685	18.5	12,673	19,010	9,648	18.3	176,558	176,558
Essex	1,384	18.4	25,466	38,708	806	20.0	16,120	15,959
Frontenac	173	15.0	2,595	3,893	103	12.8	1,318	1,529
Glengarry	196	17.3	3,391	5,053	122	13.4	1,635	1,880
Grenville	71	18.9	1,342	2,067	61	13.6	830	930
Grey	1,968	17.9	35,227	53,545	125	15.6	1,950	1,970
Haldimand	342	17.6	6,019	8,968	55	18.5	1,018	1,008
Haliburton	37	15.9	588	906	10	13.9	139	149
Halton	210	18.9	3,969	6,112	46	17.0	782	774
Hastings	1,943	16.3	31,671	47,190	196	13.5	2,646	2,778
Huron	1,581	19.5	30,830	46,553	9,808	30.0	294,240	294,240
Kenora	39	10.9	425	646	5	10.8	54	63
Kent	859	16.0	13,744	20,891	26,984	23.2	626,029	619,769
Lambton	788	15.0	11,820	18,085	1,447	21.4	30,966	30,966
Lanark	748	18.9	14,137	21,630	92	12.0	1,104	1,214
Leeds	76	17.3	1,315	1,933	109	12.5	1,363	1,513
Lennox & Add'gton	431	16.1	6,939	10,686	61	13.4	817	882
Lincoln	52	16.1	837	1,289	136	17.9	2,434	2,507
Manitoulin	382	16.7	6,379	9,632	10	14.7	147	168
Middlesex	914	16.2	14,807	22,062	5,975	23.8	142,205	145,049
Muskoka	152	16.8	2,554	3,933	12	12.4	149	155
Nipissing	451	18.8	8,479	12,888	14	14.2	199	231
Norfolk	853	15.5	13,222	20,097	187	19.1	3,572	3,608
Northumberland	2,988	17.3	51,692	74,953	355	17.8	6,319	6,509
Ontario	1,029	20.6	21,197	31,160	31	16.9	524	555
Oxford	868	15.0	13,020	19,660	186	17.2	3,199	3,263
Parry Sound	359	17.6	6,318	9,730	33	13.8	455	487
Peel	349	18.7	6,526	9,789	22	15.8	348	358
Perth	1,041	21.2	22,069	32,000	117	19.0	2,223	2,179
Peterborough	1,610	17.5	28,175	41,136	68	14.1	959	988
Prescott	433	15.5	6,712	9,732	204	15.3	3,121	3,589
Prince Edward	3,778	17.6	66,493	99,740	124	15.0	1,860	1,897
Rainy River	62	13.5	837	1,289	10	14.2	142	168
Renfrew	8,769	15.8	138,550	210,596	295	15.4	4,543	5,179
Russell	270	17.4	4,698	7,094	161	15.1	2,431	2,869
Simcoe	2,877	17.9	51,498	76,732	256	17.9	4,582	4,445
Stormont	73	18.3	1,336	2,057	64	14.7	941	1,110
Sudbury	497	14.1	7,008	10,512	21	13.5	284	321
Thunder Bay	253	17.6	4,453	6,769	8	14.1	113	133
Timiskaming	534	18.5	9,879	14,720	7	13.4	94	111
Victoria	1,471	16.3	23,977	35,726	28	14.1	395	415
Waterloo	639	18.5	11,822	17,615	62	16.5	1,023	1,043
Welland	103	14.4	1,483	2,269	325	17.1	5,558	5,503
Wellington	1,034	17.4	17,992	26,448	33	17.2	568	596
Wentworth	558	16.3	9,095	14,006	112	15.4	1,725	1,777
York	537	19.0	10,203	15,407	55	17.4	957	1,014
The Province:								
1938	52,405	17.2	899,103	1,348,680	59,727	22.9	1,366,018	1,366,018
1937	58,358	13.6	796,208	1,242,687	57,175	19.3	1,105,660	1,178,628

RYE AND BUCKWHEAT

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	85	16.5	1,403	731	203	16.1	3,268	1,699
Brant	4,434	20.3	90,010	39,604	3,186	18.8	59,897	22,401
Bruce	472	19.0	8,968	3,955	4,485	22.1	99,119	40,837
Carleton	205	23.1	4,736	2,145	6,003	18.8	112,856	47,174
Cochrane	28	17.7	496	255	16	17.2	275	146
Dufferin	1,857	19.1	35,469	15,713	2,828	20.5	57,974	24,059
Dundas	112	20.9	2,341	1,063	2 906	19.2	55,795	24,036
Durham	8,584	17.8	152,795	64,632	6,325	21.8	137,885	56,809
Elgin	2,059	20.5	42,210	19,712	4,308	19.1	82,283	31,514
Essex	651	19.5	12,695	5,992	583	22.1	12,884	4,922
Frontenac	366	18.8	6,881	3,103	1,839	16.0	29,424	12,505
Glengarry	61	20.4	1,244	550	3,369	13.4	45,145	19,457
Grenville	132	20.5	2,706	1,210	5,237	17.1	89,553	38,329
Grey	251	19.3	4,844	2,166	4,351	23.1	100,508	40,806
Haldimand	564	20.7	11,675	5,452	1,187	17.2	20,416	7,860
Haliburton	57	16.8	958	422	275	21.5	5,913	2,454
Halton	401	23.0	9,223	4,104	732	22.5	16,470	6,835
Hastings	3,012	20.4	61,445	27,220	5,667	20.1	113,907	47,955
Huron	289	20.3	5,867	2,711	7,523	22.3	167,763	71,467
Kenora	3	17.1	51	25	12	14.2	170	92
Kent	1,276	25.2	32,155	14,148	2,109	19.1	40,282	15,871
Lambton	666	21.5	14,319	6,272	1,562	18.0	28,116	11,106
Lanark	226	19.0	4,294	1,945	5,248	17.1	89,741	37,601
Leeds	132	19.5	2,574	1,163	5,105	16.7	85,254	36,318
Lennox & Add'gton	904	17.9	16,182	7,217	4,141	13.5	55,904	23,368
Lincoln	508	21.0	10,668	4,822	326	19.8	6,455	2,530
Manitoulin	63	21.2	1,336	631	346	20.2	6,989	3,634
Middlesex	791	21.1	16,690	7,744	5,257	20.5	107,769	41,383
Muskoka	58	18.7	1,085	495	213	18.5	3,941	1,655
Nipissing	90	18.7	1,683	831	452	24.3	10,984	5,822
Norfolk	9,152	17.9	163,821	74,211	3,008	17.4	52,339	20,360
Northumberland	8,086	19.2	155,251	67,379	11,828	18.4	217,635	86,183
Ontario	4,453	21.4	95,294	40,976	9,051	23 1	209,078	86,767
Oxford	1,644	23.5	38,634	17,076	4,417	22.4	98 941	38,785
Parry Sound	39	17.5	683	325	229	20.0	4,580	2,024
Peel	1,195	23.5	28,083	12,188	1,383	17.6	24,341	9,736
Perth	162	23.2	3,758	1,661	4,124	23.6	97,326	38,152
Peterborough	1,066	19.8	21,107	8,928	4,916	18.5	90,946	36,197
Prescott	76	20.1	1,528	668	2,577	16.4	42,263	17,877
Prince Edward	4,044	17.4	70,366	29,132	4,315	15.2	65,588	25,973
Rainy River	89	22.0	1,958	946	58	15.0	870	470
Renfrew	4,053	16.7	67,685	28,834	5,793	17.5	101,378	41,666
Russell	58	17.9	1,038	449	2,911	14.6	42,501	18,063
Simcoe	5,323	19.8	105,395	43,423	11,992	18.8	225,450	91,082
Stormont	66	18.0	1,188	525	2,536	16.4	41,590	17,676
Sudbury	169	19.9	3,363	1,597	521	24.0	12,504	6,627
Thunder Bay	72	20.4	1,469	704	41	18.8	771	416
Timiskaming	51	20.2	1,030	518	205	22.4	4,592	2,480
Victoria	919	18.7	17,185	7,269	8,827	17.5	154,473	63,653
Waterloo	820	23.3	19,106	8,235	1,258	19.7	24,783	10,483
Welland	378	19.0	7,182	3,253	1,137	17.0	19,329	7,616
Wellington	639	20.3	12,972	5,422	7,316	20.3	148,515	63,119
Wentworth	593	19.0	11,267	5,138	1,765	17.0	30,005	11,882
York	2,645	20.0	52,900	21,848	7,198	20 9	150,438	62,432
The Province:								
1938	74,129	19.4	1,439,266	626,738	183,200	19.1	3,507,176	1,440,364
1937	74,704	17 3	1,291,222	1,006,882	195,193	19 2	3,753,901	2,237,761

FLAX AND MIXED GRAINS

TABLE XI.—Showing by County Municipalities of Ontario the area, produce and market value of Flax and Mixed Grains for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	16	8.6	138	173	2,204	23.4	51,574	22,177
Brant	11	9.0	99	122	15,042	37.5	564,075	187,273
Bruce	469	9.0	4,221	5,276	31,429	35.1	1,103,158	381,693
Carleton	41	8.0	328	394	18,249	34.0	620,466	229,572
Cochrane	....	....	....	....	412	24.5	10,094	4.441
Dufferin	57	8.0	456	570	28,325	35.0	991,375	353,921
Dundas	31	8.8	273	330	19,485	30.5	594,293	232,963
Durham	78	7.0	546	655	28,103	31.7	890,865	300,222
Elgin	29	8.0	232	276	14.903	38.0	566,314	199,909
Essex	75	8.0	600	744	3,257	34.4	112,041	39,663
Frontenac	24	8.3	199	243	4,605	31.0	142,755	54,961
Glengarry	53	9.5	504	610	3,599	26.7	96,093	34,978
Grenville	17	9.5	162	201	5,710	28.7	163,877	58,996
Grey	258	8.8	2,270	2,883	47,625	35.5	1,690,688	606,957
Haldimand	61	7.8	476	590	10,715	35.5	380,383	127,428
Haliburton	11	7.0	77	91	572	24.5	14,014	4,905
Halton	3	8.0	24	28	11,996	37.1	445,052	156,658
Hastings	46	7.3	336	407	14,411	30.9	445,300	160,308
Huron	975	8.7	8,483	11,113	54,133	38.3	2,073,294	729,799
Kenora	4	7.6	30	38	174	23.5	4,089	1,840
Kent	12	8.5	102	129	11,439	39.7	454,128	148,500
Lambton	311	8.8	2,737	3,476	19,411	36.3	704,619	226,887
Lanark	48	8.0	384	472	11,789	30.4	358,386	136,187
Leeds	27	8.0	216	257	7,221	28.1	202,910	73,859
Lennox & Add'gton	15	8.5	128	160	11,576	31.6	365,802	140,834
Lincoln	5	8.0	40	50	4,452	35.3	157,156	55,790
Manitoulin	6	8.8	53	66	2,709	30.9	83,708	36,832
Middlesex	97	8.3	805	1,022	29,579	39.2	1,159,497	391,910
Muskoka	3	7.0	21	25	383	29.5	11,299	4,124
Nipissing	36	10.0	360	436	1,696	31.6	53,594	24,653
Norfolk	22	7.6	167	209	6,203	37.9	235,094	78,992
Northumberland	121	8.0	968	1,200	20,817	33.0	686,961	224,636
Ontario	103	7.5	773	928	39,773	39.4	1,567,056	539,067
Oxford	27	7.4	200	242	52,644	43.3	2,279,485	804,658
Parry Sound	17	7.0	119	140	1,243	29.4	36,544	13,594
Peel	37	8.0	296	349	20,110	39.2	788,312	290,099
Perth	304	9.0	2,736	3,311	54,054	41.6	2,248,646	825,253
Peterborough	25	7.0	175	205	5,634	31.9	179,725	63,443
Prescott	71	9.0	639	760	3,659	30.9	113,063	43,303
Prince Edward	14	8.0	112	130	7,613	30.4	231,435	77,531
Rainy River	207	11.0	2,277	2,846	176	24.2	4,259	2,002
Renfrew	132	9.0	1,188	1,402	5,340	27.6	147,384	57,185
Russell	62	8.0	496	600	4,987	25.1	125,174	46,815
Simcoe	479	8.7	4,167	5,250	34,678	34.6	1,199,859	422,350
Stormont	29	9.0	261	318	6,359	32.4	206,032	78,292
Sudbury	7	8.2	57	72	1,236	25.7	31,765	13,977
Thunder Bay	6	10.0	60	75	872	33.7	29.386	12,636
Timiskaming	62	8.0	496	630	2,652	32.2	85,394	37,573
Victoria	42	8.0	336	386	19,001	30.2	573,830	188,790
Waterloo	83	9.0	747	934	38,887	40.9	1,590,478	580,524
Welland	16	8.1	130	152	2,158	31.0	66,898	22,678
Wellington	464	8.6	3,990	4,948	80,557	35.6	2,867,829	998,004
Wentworth	12	8.5	102	121	21,114	39.6	836,114	282,607
York	15	8.3	125	155	43,350	45.1	1,955.085	690,145
The Province:								
1938	5,176	8.7	44,917	56,200	888,321	36.7	32,596,707	11,522,394
1937	5,009	10.3	51,745	72,501	890,136	34.5	30,674,828	14,787,597

CORN

TABLE XII.—Showing by County Municipalities of Ontario the area, produce and market value of Corn for husking and for fodder for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Corn for Husking				Corn for Silo			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
				$				$
Algoma	75	23.1	1,733	815	316	7.60	2,402	7,807
Brant	2,419	38.2	92,406	39,273	8,375	9.50	79,563	206,864
Bruce	213	37.0	7,881	3,318	4,005	11.00	44,055	132,165
Carleton	646	34.2	22,093	9,964	13,702	11.85	162,369	405,923
Cochrane	4	18.5	74	36	55	7.41	408	1,382
Dufferin	38	37.0	1,406	582	722	11.50	8,303	25,739
Dundas	354	35.3	12,496	5,798	11,111	10.60	117,777	306,220
Durham	427	35.6	15,201	6,536	5,629	11.60	65,296	169,770
Elgin	10,676	41.0	437,716	190,406	14,558	10.00	145,580	395,978
Essex	58,953	45.5	2,682,362	1,164,145	6,302	9.30	58,609	140,662
Frontenac	822	37.6	30,907	14,526	4,325	10.00	43,250	105,963
Glengarry	449	34.4	15,446	7,229	5,429	10.00	54,290	138,440
Grenville	502	33.8	16,968	7,670	6,691	11.60	77,616	194,040
Grey	178	35.2	6,266	2,657	6,147	10.57	64,974	178,679
Haldimand	1,217	36.5	44,421	17,324	3,141	10.10	31,724	71,379
Haliburton	71	28.4	2,016	907	262	8.40	2,201	6,493
Halton	82	35.1	2,878	1,168	3,715	10.50	39,008	97,520
Hastings	1,985	35.8	71,063	31,268	7,523	10.00	75,230	218,167
Huron	878	36.7	32,223	13,727	6,666	11.25	74,993	209,980
Kenora	3	16.5	50	25	22	7.82	.172	585
Kent	56,109	42.6	2,390,243	1,003,902	12,748	11.55	147,239	331,288
Lambton	13,163	45.8	602,865	248,983	13,467	11.09	149,349	403,242
Lanark	678	30.6	20,747	9,772	7,314	9.90	72,409	191,884
Leeds	1,486	31.7	47,106	21,669	11,547	9.22	106,463	292,773
Lennox & Add'gton	639	35.8	22,876	10,157	3,665	9.37	34,341	82,418
Lincoln	1,537	40.9	62,863	27,974	4,009	10.29	41,253	113,446
Manitoulin	76	26.5	2,014	987	858	9.22	7,911	26,897
Middlesex	6,888	42.6	293,429	131,163	23,217	11.35	263,513	592,904
Muskoka	42	32.6	1,369	575	369	8.00	2,952	8,856
Nipissing	34	25.5	867	434	207	8.60	1,780	5,963
Norfolk	5,628	42.5	239,190	104,765	7,312	10.33	75,533	173,726
Northumberland	1,849	38.1	70,447	30,644	7,965	11.50	91,598	183,196
Ontario	413	38.7	15,983	7,049	8,422	11.70	98,537	246,343
Oxford	1,934	42.7	82,582	36,997	22,731	11.48	260,952	574,094
Parry Sound	44	31.4	1,382	615	185	8.00	1,480	4,440
Peel	181	35.8	6,480	2,676	4,349	10.00	43,490	119,598
Perth	222	40.0	8,880	3,623	10,993	11.42	125,540	301,296
Peterborough	112	31.2	3,494	1,523	3,537	11.50	40,676	111,859
Prescott	756	36.1	27,292	12,281	5,244	9.30	48,769	136,553
Prince Edward	1,777	35.8	63,617	28,628	3,269	10.09	32,984	85,758
Rainy River	39	25.9	1,010	475	96	8.00	768	2,534
Renfrew	239	33.7	8,054	3,705	3,226	10.83	34,938	92,586
Russell	251	33.4	8,383	3,814	4,975	11.31	56,267	135,041
Simcoe	414	34.2	14,159	5,918	6,551	9.95	65,182	169,473
Stormont	465	34.8	16,182	7,282	5,801	11.38	66,015	165,038
Sudbury	29	24.1	699	336	202	8.40	1,697	5,770
Thunder Bay	22	23.2	510	250	24	7.20	173	606
Timiskaming	12	23.4	281	132	29	7.85	228	796
Victoria	83	31.1	2,581	1,125	4,206	8.90	37,433	104,812
Waterloo	146	36.5	5,329	2,196	8,187	11.90	97,425	233,820
Welland	3,529	36.3	128,103	58,031	4,825	8.86	42,750	115,425
Wellington	252	34.8	8,770	3,569	7,903	11.84	93,572	229,251
Wentworth	926	39.2	36,299	16,335	6,874	11.30	77,676	217,493
York	163	40.0	6,520	2,941	8,751	11.60	101,512	253,780
The Province:								
1938	180,130	42.7	7,696,212	3,307,900	321,754	10.79	3,470,225	8,726,715
1937	165,593	32.7	5,409,213	3,272,319	317,349	9.71	3,080,766	8,280,428

POTATOES AND TURNIPS

TABLE XIII.—Showing by County Municipalities of Ontario the area, produce and market value of Potatoes and Turnips for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Potatoes				Turnips			
	Acres	Per acre	Hundred weight	Market value	Acres	Per acre	Bushels	Market value
				$				$
Algoma	1,263	57.6	72,749	66,420	311	360	111,960	13,435
Brant	2,571	48.0	123,408	96,628	1,279	408	521,832	62,620
Bruce	3,046	53.1	161,743	131,335	2,673	394	1,053,162	126,379
Carleton	6,163	52.0	320,476	209,271	972	382	371,304	44,557
Cochrane	897	55.3	49,604	46,529	103	249	25,647	3,078
Dufferin	5,349	52.3	279,753	228,558	1,494	414	618,516	74,222
Dundas	1,194	43.3	51,700	33,036	114	388	44,236	5,308
Durham	3,603	52.1	187,716	137,408	1,873	393	736,089	88,331
Elgin	2,158	54.0	116,532	96,488	234	393	91,962	11,035
Essex	2,425	47.0	133,375	117,237	107	346	37,022	4,443
Frontenac	3,030	54.5	165,135	111,466	234	409	95,706	11,485
Glengarry	1,890	51.4	97,146	61,882	164	391	64,124	7,695
Grenville	1,756	48.3	84,815	58,098	155	382	59,210	7,105
Grey	4,697	49.6	232,971	183,814	2,617	431	1,127,927	135,351
Haldimand	925	47.0	43,475	33,389	45	345	15,525	1,863
Haliburton	448	54.3	24,326	17,393	75	329	24,675	2,961
Halton	1,427	44.4	63,359	47,773	736	420	309,120	37,095
Hastings	4,331	53.2	230,409	169,581	824	398	327,952	39,354
Huron	3,208	49.1	157,513	133,729	2,885	402	1,159,770	139,172
Kenora	241	47.8	11,520	9,147	25	255	6,375	765
Kent	4,055	56.0	227,080	212,547	67	352	23,584	2,830
Lambton	3,061	54.0	165,294	150,418	206	369	76,014	9,122
Lanark	2,083	43.2	89,986	57,861	402	335	134,670	16,160
Leeds	2,403	35.6	85,547	53,467	398	423	168,354	20,203
Lennox & Add'gton	2,281	54.7	124,771	83,971	94	350	32,900	3,948
Lincoln	772	52.0	40,144	32,396	48	336	16,128	1,935
Manitoulin	581	61.0	35,441	27,609	134	345	46,230	5,548
Middlesex	5,869	53.1	311,644	281,103	1,896	430	815,280	97,834
Muskoka	927	41.8	38,749	26,931	302	352	106,304	12,756
Nipissing	1,704	48.3	82,303	68,723	341	320	109,120	13,094
Norfolk	1,438	52.2	75,064	61,778	215	357	76,755	9,210
Northumberland	4,197	51.0	214,047	161,605	2,159	395	852,805	102,337
Ontario	5,826	52.0	302,952	240,241	5,664	448	2,537,472	304,497
Oxford	1,954	51.4	100,436	82,056	4,100	446	1,828,600	219,432
Parry Sound	1,163	47.4	55,126	40,132	413	304	125,552	15,066
Peel	2,794	46.7	130,480	101,513	648	405	262,438	31,493
Perth	2,477	52.3	129,547	102,472	2,581	410	1,058,210	126,985
Peterborough	2,346	45.1	105,805	79,671	1,466	429	628,914	75,470
Prescott	2,241	51.6	115,636	74,701	206	268	55,208	6,625
Prince Edward	1,365	46.7	63,746	46,152	132	364	48,051	5,766
Rainy River	595	62.0	36,890	26,413	88	305	26,846	3,222
Renfrew	4,024	53.8	216,491	137,905	342	359	122,778	14,733
Russell	1,808	47.9	86,603	54,387	501	315	157,815	18,938
Simcoe	10,108	49.5	500,346	373,258	4,923	397	1,954,431	234,532
Stormont	1,312	51.3	67,306	46,778	63	325	20,475	2,457
Sudbury	2,313	32.0	74,016	61,581	287	342	98,154	11,778
Thunder Bay	2,127	46.3	98,480	75,731	439	320	140,480	16,858
Timiskaming	1,129	61.0	68,869	54,957	244	244	59,536	7,144
Victoria	1,757	44.4	78,011	55,544	2,227	366	815,082	97,810
Waterloo	2,591	54.6	141,469	126,332	3,008	440	1,323,520	158,823
Welland	1,726	49.0	84,574	63,684	39	303	11,802	1,416
Wellington	6,063	53.2	322,552	287,394	6,337	428	2,712,236	325,468
Wentworth	4,157	48.0	199,536	151,248	1,024	384	393,216	47,186
York	6,308	55.8	351,986	289,332	5,493	448	2,460,864	295,303
The Province:								
1938	146,177	50.8	7,428,652	5,779,073	63,407	412	26,101,938	3,132,233
1937	150,649	67.2	10,130,527	6,122,043	62,002	402	24,908,885	2,989,066

MANGELS AND SUGAR BEETS

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Mangels and Sugar Beets for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Mangels				Sugar Beets			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Tons	Market value
				$				$
Algoma	36	452	16,272	1,953	20	7.68	154	1,001
Brant	947	481	455,507	54,661	18	8.25	149	969
Bruce	1,266	412	521,592	62,591	71	7.88	559	3,634
Carleton	329	412	135,548	16,266	125	8.62	1,078	7,007
Cochrane	24	339	8,136	976	15	7.64	115	748
Dufferin	372	440	163,664	19,640	68	7.90	537	3,491
Dundas	89	413	36,757	4,411	83	8.32	691	4,492
Durham	926	415	384,290	46,115	15	8.52	128	832
Elgin	311	465	144,615	17,354	247	10.09	2,492	16,198
Essex	726	431	312,906	37,549	4,593	10.31	47,354	307,800
Frontenac	89	418	37,202	4,464	63	8.32	524	3,406
Glengarry	78	386	30,108	3,613	39	8.43	329	2,139
Grenville	62	418	25,926	3,111	47	8.08	380	2,470
Grey	1,802	439	791,078	94,929	129	8.45	1,090	7,085
Haldimand	152	368	55,944	6,713	34	8.90	303	1,970
Haliburton	18	347	6,252	750	....	.....	....	....
Halton	644	429	276,276	33,153	16	8.11	130	845
Hastings	282	407	114,774	13,773	137	8.37	1,147	7,455
Huron	2,395	426	1,020,270	122,433	259	10.54	2,730	17,745
Kenora	12	356	4,272	513	6	6.92	42	273
Kent	379	395	149,705	17,965	15,756	9.67	152,360	990,340
Lambton	548	402	220,296	26,436	3,551	10.42	36,992	240,448
Lanark	142	342	48,564	5,828	46	7.55	347	2,255
Leeds	111	429	47,619	5,714	62	9.32	578	3,757
Lennox & Add'gton	91	367	33,397	4,008	42	7.87	331	2,151
Lincoln	123	401	49,323	5,919	96	10.35	994	6,461
Manitoulin	35	426	14,910	1,789	6	7.68	46	299
Middlesex	1,071	457	489,447	58,734	1,559	9.91	15,450	100,425
Muskoka	34	375	12,750	1,530	5	8.50	43	280
Nipissing	49	428	20,972	2,517	24	8.68	208	1,352
Norfolk	212	395	83,740	10,048	91	10.13	922	5,993
Northumberland	773	413	319,249	38,310	49	8.27	405	2,632
Ontario	4,158	436	1,812,888	217,546	31	8.16	253	1,645
Oxford	2,099	482	1,011,718	121,406	112	9.09	1,018	6,617
Parry Sound	36	305	10,980	1,318	12	7.50	90	585
Peel	601	439	263,839	31,661	12	8.49	102	663
Perth	2,521	441	1,111,761	133,411	22	8.35	184	1,196
Peterborough	457	416	190,112	22,813	26	6.85	178	1,157
Prescott	94	256	24,064	2,888	42	7.32	307	1,996
Prince Edward	103	397	40,891	4,907	24	7.50	180	1,170
Rainy River	44	432	19,008	2,281	12	6.68	80	520
Renfrew	229	369	84,501	10,140	56	7.32	410	2,665
Russell	92	334	30,728	3,687	24	7.21	173	1,125
Simcoe	1,575	414	652,050	78,246	192	8.92	1,713	11,134
Stormont	55	351	19,305	2,316	43	7.32	315	2,047
Sudbury	46	448	20,608	2,473	25	6.68	167	1,086
Thunder Bay	36	464	16,704	2,004	6	7.18	43	279
Timiskaming	33	346	11,418	1,370	16	7.68	123	799
Victoria	578	387	223,686	26,842	18	7.16	129	839
Waterloo	2,364	450	1,063,800	127,656	14	7.45	104	676
Welland	111	339	37,629	4,515	73	8.70	635	4,127
Wellington	2,406	439	1,056,234	126,748	25	8.14	204	1,326
Wentworth	1,105	410	453,050	54,366	76	10.13	770	5,005
York	2,802	470	1,316,940	158,033	73	9.05	661	4,296
The Province:								
1938	35,673	435	15,503,275	1,860,393	28,206	9.80	276,447	1,796,906
1937	33,202	426	14,130,612	1,695,673	30,274	7.94	240,405	1,286,167

ALSIKE AND SWEET CLOVER

Table XV.—Showing by County Municipalities of Ontario the area, produce and market value of Alsike and Sweet Clover for the year 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Algoma	312	1.25	390	2,496	308	1.56	480	2,640
Brant	478	1.50	717	4,230	2,917	2.40	7,001	31,505
Bruce	2,199	1.42	3,123	16,864	13,516	2.09	28,248	127,116
Carleton	1,267	1.54	1,951	11,608	3,959	2.06	8,156	40,780
Cochrane	489	.88	430	3,182	506	1.57	794	5,002
Dufferin	1,976	1.16	2,292	12,950	6,993	1.70	11,888	54,685
Dundas	769	1.51	1,161	7,430	1,461	2.02	2,951	16,231
Durham	1,522	1.25	1,903	9,325	5,487	2.12	11,632	52,344
Elgin	1,006	1.50	1,509	8,948	6,429	2.25	14,465	72,470
Essex	2,497	1.52	3,795	22,315	7,835	2.25	17,629	87,792
Frontenac	964	1.42	1,369	9,446	1,977	1.90	3,756	22,085
Glengarry	827	1.39	1,150	7,648	2,051	2.08	4,266	23,890
Grenville	456	1.50	684	4,446	1,348	2.25	3,033	15,923
Grey	2,615	1.19	3,112	17,738	9,654	2.10	20,273	98,324
Haldimand	8,105	1.21	9,807	57,861	2,532	1.95	4,937	24,093
Haliburton	41	1.15	47	235	225	1.19	268	1,447
Halton	4,003	1.25	5,004	29,023	1,035	1.91	1,977	9,391
Hastings	2,015	1.53	3,083	16,648	6,513	2.03	13,221	69,410
Huron	1,668	1.47	2,452	14,295	13,106	1.93	25,295	113,828
Kenora	861	1.21	1,042	8,232	62	1.34	83	560
Kent	2,418	1.55	3,748	22,076	5,834	2.40	14,001	68,745
Lambton	2,575	1.62	4,172	25,531	6,201	2.50	15,503	76,895
Lanark	1,446	1.47	2,126	13,394	3,923	1.86	7,297	38,674
Leeds	606	1.30	788	5,358	2,544	2.26	5,749	33,057
Lennox & Add'gton	841	1.00	841	5,626	4,005	1.93	7,730	41,356
Lincoln	1,828	1.25	2,285	13,527	1,160	2.15	2,494	12,221
Manitoulin	158	1.39	220	1,408	2,213	2.06	4,559	29,634
Middlesex	2,671	1.77	4,728	28,084	7,402	2.28	16,877	84,047
Muskoka	61	1.35	82	525	292	1.41	412	2,266
Nipissing	402	1.03	414	2,650	586	1.52	891	5,123
Norfolk	1,968	1.46	2,873	16,922	3,454	2.00	6,908	33,849
Northumberland	2,209	1.54	3,402	18,031	10,425	2.25	23,456	124,317
Ontario	1,985	1.33	2,640	14,256	8,703	1.96	17,058	85,290
Oxford	691	1.52	1,050	6,195	4,725	2.36	11,151	55,086
Parry Sound	392	1.26	494	3,162	186	1.65	307	1,689
Peel	7,476	1.10	8,224	48,439	3,481	2.03	7,066	33,917
Perth	1,615	1.32	2,132	12,259	8,988	2.25	20,223	96,666
Peterborough	852	1.58	1,346	8,278	5,838	1.90	11,092	53,242
Prescott	1,389	1.43	1,986	13,306	1,608	1.85	2,975	16,065
Prince Edward	803	1.51	1,213	7,642	8,172	2.02	16,507	80,884
Rainy River	711	1.32	939	7,418	533	1.85	986	6,508
Renfrew	1,343	1.35	1,813	11,785	4,228	2.12	8,963	49,297
Russell	1,006	1.50	1,509	9,658	1,318	2.14	2,821	16,221
Simcoe	9,002	1.55	13,953	82,323	14,210	2.52	35,809	172,957
Stormont	896	1.48	1,326	8,486	1,565	2.27	3,553	20,074
Sudbury	746	1.00	746	4,961	1,304	1.39	1,813	11,785
Thunder Bay	562	1.10	618	4,573	478	1.63	779	5,064
Timiskaming	1,388	1.12	1,555	11,507	677	1.39	941	6,022
Victoria	3,791	1.36	5,156	29,131	5,334	2.05	10,935	49,208
Waterloo	274	1.65	452	2,667	4,345	2.00	8,690	41,278
Welland	982	1.25	1,228	7,270	1,363	1.92	2,617	12,849
Wellington	1,306	1.48	1,933	11,366	11,447	2.21	25,298	121,430
Wentworth	1,815	1.40	2,541	14,966	2,319	2.23	5,171	25,286
York	5,127	1.42	7,280	42,078	6,819	2.25	15,343	71,345
The Province:								
1938	95,405	1.37	130,834	779,778	233,594	2.12	496,328	2,451,863
1937	55,867	1.37	76,268	515,752	191,360	2.06	393,800	1,900,548

ALFALFA AND HAY AND CLOVER

Table XVI.—Showing by County Municipalities of Ontario the area, produce and market value of Alfalfa, Hay and Clover for the year 1938, together with the comparative totals for the Province for 1937.

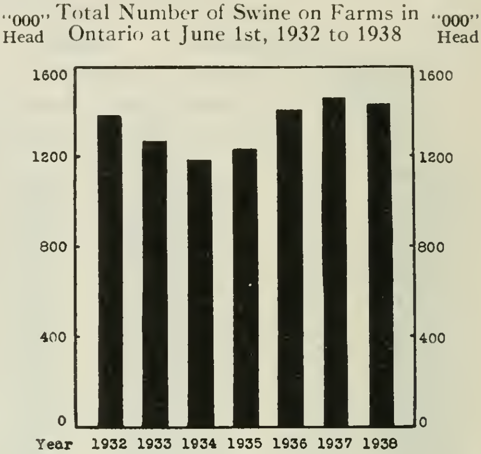
Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				$				$
Algoma	705	2.28	1,607	14,222	25,584	1.45	37,097	305,308
Brant	13,486	2.38	32,097	236,876	17,291	1.83	31,643	219,286
Bruce	30,303	2.08	63,030	403,392	88,221	1.56	137,625	805,106
Carleton	9,952	2.77	27,567	213,644	87,651	1.88	164,784	1,183,149
Cochrane	162	2.00	324	2,932	11,645	1.05	12,227	114,322
Dufferin	7,674	2.38	18,264	116,524	48,536	1.78	86,394	503,677
Dundas	5,607	2.12	11,887	90,936	47,613	1.80	85,703	593,922
Durham	6,365	2.63	16,740	141,453	40,852	1.70	69,448	541,694
Elgin	16,555	2.58	42,712	301,120	42,518	1.90	80,784	537,214
Essex	16,103	2.56	41,224	305,058	17,233	1.80	31,019	212,170
Frontenac	8,001	2.00	16,002	114,414	73,946	1.67	123,490	829,853
Glengarry	3,638	2.17	7,894	57,232	55,813	1.71	95,440	639,448
Grenville	3,249	2.45	7,960	65,351	50,007	1.83	91,513	662,554
Grey	47,243	2.23	105,352	662,664	115,394	1.64	189,246	1,086,272
Haldimand	32,225	2.47	79,596	561,152	27,309	1.58	43,148	278,736
Haliburton	62	1.61	100	905	9,333	1.32	12,320	103,488
Halton	17,157	2.26	38,775	273,364	22,372	1.71	38,256	248,664
Hastings	24,144	2.21	53,358	477,554	62,169	1.66	103,201	856,568
Huron	26,684	2.24	59,772	373,575	90,107	1.80	162,193	927,744
Kenora	124	1.63	202	2,050	5,953	1.36	8,096	72,216
Kent	22,237	3.01	66,933	478,571	24,070	1.94	46,696	309,594
Lambton	30,821	2.63	81,059	566,602	43,188	1.91	82,489	522,980
Lanark	11,503	2.28	26,227	211,127	64,029	1.81	115,892	863,395
Leeds	6,273	2.21	13,863	115,756	69,195	1.62	112,096	874,349
Lennox & Add'gton	13,855	1.93	26,740	204,561	57,212	1.43	81,813	582,509
Lincoln	16,912	2.74	46,339	326,690	18,364	1.62	29,750	191,293
Manitoulin	2,192	2.23	4,888	37,882	21,419	1.57	33,628	238,759
Middlesex	27,875	2.48	69,130	501,193	72,416	1.96	141,935	972,255
Muskoka	111	1.68	186	1,702	25,300	1.45	36,685	313,657
Nipissing	302	1.95	589	4,624	28,005	1.40	39,207	320,713
Norfolk	13,627	2.50	34,068	235,069	26,783	1.51	40,442	256,807
Northumberland	11,535	2.60	29,991	239,928	45,780	1.88	86,066	632,585
Ontario	13,363	2.58	34,477	280,988	52,615	1.84	96,812	727,058
Oxford	15,185	2.63	39,937	277,562	56,972	2.02	115,083	736,531
Parry Sound	102	1.75	179	1,656	31,504	1.61	50,721	446,345
Peel	24,525	2.12	51,993	350,953	27,796	1.62	45,030	279,186
Perth	11,535	2.09	24,108	160,318	77,961	1.80	140,330	867,239
Peterborough	5,811	2.05	11,913	106,026	37,221	1.85	68,859	568,087
Prescott	1,327	2.29	3,039	25,072	58,702	1.55	90,988	611,439
Prince Edward	6,547	2.29	14,993	119,944	23,808	1.45	34,522	253,737
Rainy River	5,502	2.38	13,095	105,415	18,565	1.24	23,021	171,506
Renfrew	12,622	2.35	29,662	226,914	84,019	1.70	142,832	1,005,537
Russell	1,558	2.22	3,459	28,710	44,015	1.68	73,945	491,734
Simcoe	20,390	2.47	50,363	309,732	84,787	1.91	161,943	1,065,585
Stormont	2,622	2.55	6,686	52,819	46,334	1.75	81,085	591,921
Sudbury	143	1.91	273	2,361	27,160	1.57	42,641	345,392
Thunder Bay	1,175	2.10	2,468	19,621	23,223	1.41	32,744	239,031
Timiskaming	214	1.79	383	3,792	28,123	1.39	39,091	359,637
Victoria	8,163	2.15	17,550	150,404	43,811	1.56	68,345	541,292
Waterloo	10,379	2.31	23,975	165,428	37,833	1.90	71,883	456,457
Welland	9,351	2.15	20,105	149,782	31,996	1.56	49,914	344,407
Wellington	19,313	2.14	41,330	274,845	94,272	1.70	160,262	977,598
Wentworth	15,277	2.30	35,137	265,284	26,448	1.68	44,433	311,920
York	31,289	2.50	78,223	660,984	48,152	1.75	84,266	658,117
The Province:								
1938	643,075	2.38	1,527,824	11,076,733	2,440,625	1.71	4,169,076	28,850,043
1937	646,657	2.57	1,664,219	12,162,141	2,474,861	1.69	4,190,574	29,923,850

ALL FIELD CROPS

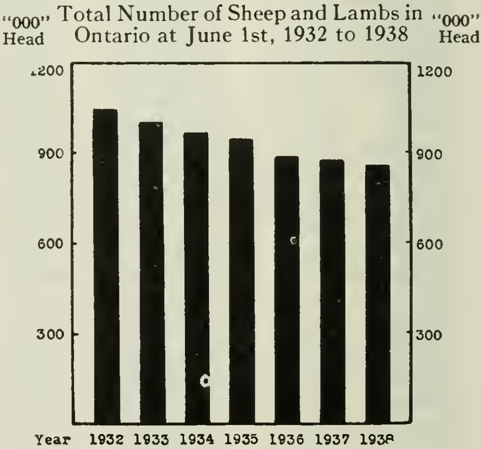
Table XVII.—Showing by County Municipalities of Ontario the area, produce and market value of all Field Crops enumerated in Tables VII to XVII for the year 1938, together with the comparative totals for the Province of 1937.

Counties and Districts	All Field Crops		
	Acres	Value	Per Acre
		$	$ c.
Algoma	46,309	590,116	12.74
Brant	123,426	1,799,735	14.58
Bruce	320,564	3,790,732	11.83
Carleton	238,363	3,400,276	14.27
Cochrane	21,070	259,557	12.32
Dufferin	171,387	2,149,612	12.54
Dundas	120,445	1,650,117	13.70
Durham	177,782	2,455,292	13.81
Elgin	202,599	3,037,792	14.99
Essex	248,868	3,903,698	15.69
Frontenac	136,261	1,658,958	12.17
Glengarry	128,184	1,514,968	11.82
Grenville	104,735	1,422,329	13.58
Grey	425,196	5,092,764	11.98
Haldimand	150,381	1,932,986	12.85
Haliburton	18,721	202,081	10.79
Halton	107,729	1,488,026	13.81
Hastings	225,891	3,130,429	13.86
Huron	398,692	5,344,650	13.41
Kenora	11,330	139,897	12.35
Kent	341,450	6,300,685	18.45
Lambton	291,897	4,463,771	15.29
Lanark	158,842	2,115,107	13.32
Leeds	152,715	2,008,749	13.15
Lennox and Addington	143,775	1,651,981	11.49
Lincoln	82,092	1,205,009	14.68
Manitoulin	40,884	545,458	13.34
Middlesex	357,072	5,473,120	15.33
Muskoka	39,640	487,780	12.31
Nipissing	55,794	678,345	12.16
Norfolk	126,924	1,643,862	12.95
Northumberland	215,201	2,970,925	13.81
Ontario	242,323	3,928,152	16.21
Oxford	262,114	4,265,669	16.27
Parry Sound	56,220	722,802	12.86
Peel	162,187	2,176,140	13.42
Perth	305,457	4,252,383	13.92
Peterborough	134,464	1,906,587	14.18
Prescott	140,795	1,732,635	12.31
Prince Edward	103,614	1,234,115	11.91
Rainy River	39,746	455,180	11.45
Renfrew	227,419	2,766,528	12.16
Russell	107,138	1,242,108	11.59
Simcoe	414,554	5,473,640	13.20
Stormont	102,816	1,369,795	13.32
Sudbury	52,499	660,370	12.58
Thunder Bay	37,792	497,438	13.16
Timiskaming	55,770	760,615	13.64
Victoria	180,523	2,127,881	11.79
Waterloo	186,179	2,954,364	15.87
Welland	101,185	1,286,651	12.72
Wellington	362,049	4,823,703	13.32
Wentworth	133,868	2,014,869	15.05
York	295,083	4,997,892	16.94
The Province:			
1938	9,088,014	126,158,324	13.88
1937	9,043,201	150,203,348	16.61

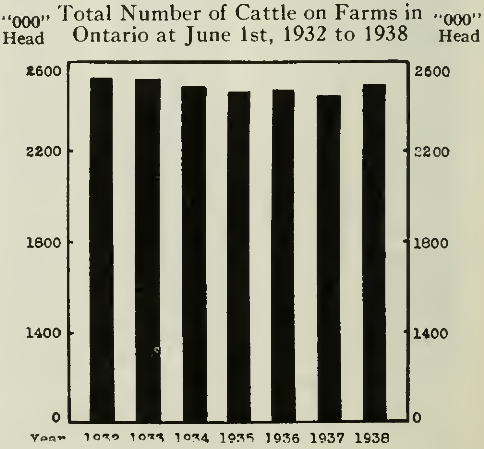
Total Number of Swine on Farms in Ontario at June 1st, 1932 to 1938



Total Number of Sheep and Lambs in Ontario at June 1st, 1932 to 1938



Total Number of Cattle on Farms in Ontario at June 1st, 1932 to 1938



PASTURE, FALLOW, ORCHARD, SMALL FRUITS

TABLE XVIII.—Showing by County Municipalities the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits in 1938, together with the comparative totals for the Province for 1937.

Counties and Districts	Cleared pasture	Summer fallow	Orchard	Small fruits	Total
	Acres	Acres	Acres	Acres	Acres
Algoma	9,971	1,175	267	155	11,568
Brant	23,978	2,756	2,981	546	30,261
Bruce	122,791	13,791	5,865	334	142,781
Carleton	79,055	637	1,224	346	81,262
Cochrane	3,888	89	1	22	4,000
Dufferin	52,360	3,399	1,758	141	57,658
Dundas	40,497	92	1,617	263	42,469
Durham	58,179	3,685	7,324	346	69,534
Elgin	70,188	2,280	4,966	785	78,219
Essex	28,899	1,116	5,329	2,002	37,346
Frontenac	73,261	589	898	262	75,010
Glengarry	43,429	86	885	155	44,555
Grenville	44,040	123	932	244	45,339
Grey	130,617	10,390	8,722	496	150,225
Haldimand	28,693	5,752	3,328	296	38,069
Haliburton	9,016	157	69	34	9,276
Halton	24,102	4,447	4,987	769	34,305
Hastings	89,154	1,739	2,923	502	94,318
Huron	140,675	10,308	9,674	609	161,266
Kenora	1,445	85	1	7	1,538
Kent	58,658	1,146	5,564	993	66,361
Lambton	122,006	3,906	8,830	750	135,492
Lanark	106,894	489	1,093	274	108,750
Leeds	100,183	304	1,011	252	101,750
Lennox and Addington	63,002	1,649	1,225	386	66,262
Lincoln	15,126	2,978	15,586	11,573	45,263
Manitoulin	12,389	145	162	34	12,730
Middlesex	169,009	7,460	9,595	1,113	187,177
Muskoka	15,351	169	152	76	15,748
Nipissing	10,655	258	22	86	11,021
Norfolk	35,354	3,184	6,006	2,021	46,565
Northumberland	66,678	2,548	8,999	795	79,020
Ontario	61,214	3,055	4,521	407	69,197
Oxford	66,719	2,815	6,164	476	76,174
Parry Sound	19,006	621	69	91	19,787
Peel	42,614	7,034	5,379	713	55,740
Perth	77,721	11,188	4,891	301	94,101
Peterborough	55,152	4,409	1,414	295	61,270
Prescott	55,150	41	449	144	55,784
Prince Edward	37,340	1,077	3,691	481	42,589
Rainy River	7,237	634	11	42	7,924
Renfrew	84,113	2,075	825	294	87,307
Russell	34,305	164	493	229	35,191
Simcoe	89,542	31,224	6,322	885	127,973
Stormont	43,159	88	813	197	44,257
Sudbury	10,711	194	21	87	11,013
Thunder Bay	4,635	141	17	117	4,910
Timiskaming	9,884	434	6	44	10,368
Victoria	57,637	2,539	1,046	193	61,415
Waterloo	24,329	4,894	3,643	297	33,163
Welland	21,542	7,609	5,337	2,057	36,545
Wellington	71,588	9,533	4,173	282	85,576
Wentworth	22,536	2,892	6,924	2,864	35,216
York	47,614	10,949	5,878	588	65,029
The Province:					
1938	2,793,291	190,542	184,083	*37,751	3,205,667
1937	2,782,811	208,486	185,473	*37,511	3,214,281

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*Including 9,145 acres in strawberries and 14,774 in vineyards in 1938; and 8,691 acres in strawberries, and 15,311 in vineyards in 1937.

MARKET PRICES

Table XIX.—The following table shows by Counties the average prices of agricultural products for 1938, together with the average prices for 1937.

Counties and Districts	Fall Wheat, per bush.	Spring Wheat per bush.	Oats, per bush.	Barley, per bush.	Peas, per bush.	Beans, per bush.	Rye, per bush.	Buckwheat, per bush.	Corn shelled, per bush.	Hay, per ton.	Potatoes, per cwt.
	cts.	cts.	cts.	cts.	$ c.	$ c.	cts.	cts.	cts.	$ c.	cts.
Algoma	79.0	78.0	35.5	46.0	1.54	1.05	52.1	52.0	47.0	8.23	91.3
Brant	57.2	56.0	27.7	42.3	1.47	.98	44.0	37.4	42.5	6.93	78.3
Bruce	55.1	54.0	26.8	39.6	1.47	.98	44.1	41.2	42.1	5.85	81.2
Carleton	58.0	57.0	29.8	42.3	1.53	1.03	45.3	41.8	45.1	7.18	65.3
Cochrane	85.0	84.0	39.2	48.0	1.53	1.18	51.4	53.0	48.0	9.35	93.8
Dufferin	57.3	56.0	27.3	40.8	1.45	1.04	44.3	41.5	41.4	5.83	81.7
Dundas	56.5	57.0	30.1	43.9	1.51	1.17	45.4	42.9	46.4	6.93	63.9
Durham	55.7	54.0	26.8	39.7	1.52	1.02	42.3	41.2	43.0	7.80	73.2
Elgin	56.1	55.6	28.4	42.2	1.50	1.00	46.7	38.3	43.5	6.65	82.8
Essex	53.4	51.8	27.5	41.6	1.52	.99	47.2	38.2	43.4	6.84	87.9
Frontenac	59.2	60.0	28.6	44.4	1.50	1.16	45.1	42.5	47.0	6.72	67.5
Glengarry	55.0	54.0	29.4	43.1	1.49	1.15	44.2	43.1	46.8	6.70	63.7
Grenville	59.3	59.0	30.3	42.8	1.54	1.12	44.7	42.8	45.2	7.24	68.5
Grey	56.4	55.0	26.7	39.4	1.52	1.01	44.5	40.6	42.4	5.74	78.9
Haldimand	55.6	53.6	25.9	39.3	1.49	.99	46.7	38.5	39.0	6.46	87.9
Haliburton	58.4	56.8	27.5	42.0	1.54	1.07	44.1	41.5	45.0	8.40	71.5
Halton	58.4	58.0	28.4	40.3	1.54	.99	44.5	41.5	40.6	6.50	75.4
Hastings	59.2	58.0	28.1	43.5	1.49	1.05	44.3	42.1	44.0	8.30	73.6
Huron	56.5	55.8	27.0	40.0	1.51	1.00	46.2	42.6	42.6	5.72	84.9
Kenora	83.0	82.0	37.3	46.0	1.52	1.17	49.3	54.0	50.0	8.92	79.4
Kent	55.3	56.0	24.8	46.0	1.52	.99	44.0	39.4	42.0	6.63	93.6
Lambton	54.8	53.0	26.0	39.4	1.53	1.00	43.8	39.5	41.3	6.34	91.0
Lanark	59.6	58.6	29.2	40.0	1.53	1.10	45.3	41.9	47.1	7.45	64.3
Leeds	60.4	59.8	31.3	43.6	1.47	1.11	45.2	42.6	46.0	7.80	62.5
Lennox and Addington	60.2	59.0	29.4	42.6	1.54	1.08	44.6	41.8	44.4	7.12	67.3
Lincoln	57.8	56.4	27.9	40.0	1.54	1.03	45.2	39.2	44.5	6.43	80.7
Manitoulin	78.0	77.0	37.4	46.6	1.51	1.14	47.2	52.0	49.0	7.10	77.9
Middlesex	55.0	54.6	25.7	41.0	1.49	1.02	46.4	38.4	44.7	6.85	90.2
Muskoka	59.4	57.0	29.2	45.0	1.54	1.04	45.6	42.0	42.0	8.55	69.5
Nipissing	79.0	78.0	33.9	46.0	1.52	1.16	49.4	53.0	50.0	8.18	83.5
Norfolk	55.8	55.0	27.4	39.0	1.52	1.01	45.3	38.9	43.8	6.35	82.3
Northumberland	57.8	56.0	28.9	42.2	1.45	1.03	43.4	39.6	43.5	7.35	75.5
Ontario	57.3	56.8	27.1	39.1	1.47	1.06	43.0	41.5	44.1	7.51	79.3
Oxford	56.7	56.0	27.3	41.2	1.51	1.02	44.2	39.2	44.8	6.40	81.7
Parry Sound	60.6	58.0	28.7	43.3	1.54	1.07	46.1	44.2	44.5	8.80	72.8
Peel	56.8	55.0	29.2	41.2	1.50	1.03	43.4	40.0	41.3	6.20	77.8
Perth	57.3	56.6	27.8	40.0	1.45	.98	44.2	39.2	40.8	6.18	79.1
Peterborough	56.3	55.0	29.2	39.6	1.46	1.03	42.3	39.8	43.6	8.25	75.3
Prescott	59.8	60.0	31.3	43.0	1.45	1.15	43.7	42.3	45.0	6.72	64.6
Prince Edward	55.7	54.0	26.5	38.7	1.50	1.02	41.4	39.6	45.0	7.35	72.4
Rainy River	80.0	79.0	30.3	47.0	1.54	1.18	48.3	54.0	47.0	7.45	71.6
Renfrew	58.8	59.6	29.1	42.3	1.52	1.14	42.6	41.1	46.0	7.04	63.7
Russell	60.0	59.0	30.4	41.2	1.51	1.18	43.3	42.5	45.5	6.65	62.8
Simcoe	55.6	53.8	26.9	38.5	1.49	.97	41.2	40.4	41.8	6.58	74.6
Stormont	59.5	59.0	29.0	42.2	1.54	1.18	44.2	42.5	45.0	7.30	69.5
Sudbury	81.0	80.0	35.2	48.0	1.50	1.13	47.5	53.0	48.0	8.10	83.2
Thunder Bay	79.0	78.0	35.0	49.0	1.52	1.18	47.9	54.0	49.0	7.30	76.9
Timiskaming	83.0	82.0	35.8	49.0	1.49	1.18	50.3	54.0	47.0	9.20	79.8
Victoria	54.9	53.0	25.6	38.6	1.49	1.05	42.3	41.2	43.6	7.92	71.2
Waterloo	57.9	56.0	28.0	41.2	1.49	1.02	43.1	42.3	41.2	6.35	89.3
Welland	57.4	56.0	26.5	40.2	1.53	.99	45.3	39.4	45.3	6.90	75.3
Wellington	56.3	55.0	28.3	39.2	1.47	1.05	41.8	42.5	40.7	6.10	89.1
Wentworth	56.1	55.0	26.8	39.8	1.54	1.03	45.6	39.6	45.0	7.02	75.8
York	56.1	55.6	27.5	40.0	1.51	1.06	41.3	41.5	45.1	7.81	82.2
The Province:											
1938	56.0	58.0	27.9	40.8	1.50	1.00	43.5	41.1	43.0	6.92	77.8
1937	103.9	102.4	42.1	58.5	1.56	1.07	78.0	59.6	60.5	7.14	60.4

HORSES ON HAND

TABLE XX.—Showing by County Municipalities the number and value of Horses on hand, June 15th, 1938, together with the totals for the Province for the past three years.

Counties and Districts	Stallions, 2 yrs. old and over	Mares, 2 yrs. old and over	Geldings, 2 yrs. old and over	Colts and Fillies, under 2 years	Total Horses	
					Number	Value
						$
Algoma	15	1,647	1,889	192	3,743	419,216
Brant	34	3,789	3,458	625	7,906	917,096
Bruce	66	9,328	7,624	2,479	19,497	1,735,233
Carleton	44	6,652	5,714	1,553	13,963	1,312,522
Cochrane	12	1,526	2,045	103	3,686	423,890
Dufferin	30	5,192	4,286	1,294	10,802	1,015,388
Dundas	24	3,825	3,351	824	8,024	730,184
Durham	38	5,182	4,135	1,052	10,407	988,665
Elgin	36	5,881	5,362	1,273	12,552	1,355,616
Essex	49	7,152	5,809	1,527	14,537	1,511,848
Frontenac	25	4,389	3,903	768	9,085	781,310
Glengarry	26	3,412	3,250	816	7,504	712,880
Grenville	13	3,035	2,767	540	6,355	591,015
Grey	63	12,075	10,093	2,605	24,836	2,235,240
Haldimand	22	4,203	3,567	865	8,657	960,927
Haliburton	7	622	591	92	1,312	127,264
Halton	25	2,953	2,618	515	6,111	537,768
Hastings	39	6,677	6,225	1,261	14,202	1,306,584
Huron	72	11,506	9,312	2,927	23,817	2,167,347
Kenora	5	517	698	28	1,248	136,032
Kent	57	9,375	8,106	2,217	19,755	2,192,805
Lambton	65	8,147	6,811	2,002	17,025	1,651,425
Lanark	35	4,381	3,786	1,025	9,227	839,657
Leeds	30	4,624	4,372	965	9,991	929,163
Lennox and Addington	36	3,945	3,861	784	8,626	802,218
Lincoln	14	2,784	2,622	321	5,741	591,323
Manitoulin	10	1,292	965	347	2,614	277,084
Middlesex	105	11,671	9,256	2,783	23,815	2,381,500
Muskoka	12	1,238	1,102	148	2,500	272,500
Nipissing	24	1,345	1,429	227	3,025	347,875
Norfolk	14	4,997	4,363	851	10,225	1,063,400
Northumberland	34	6,349	5,665	1,148	13,196	1,266,816
Ontario	44	7,233	5,728	1,161	14,166	1,402,434
Oxford	36	8,240	7,019	1,403	16,698	1,653,102
Parry Sound	23	1,863	1,710	201	3,797	383,497
Peel	42	4,736	3,562	971	9,311	903,167
Perth	68	9,275	7,588	2,453	19,384	1,899,632
Peterborough	29	4,209	3,827	834	8,899	889,900
Prescott	36	3,623	2,705	839	7,203	669,879
Prince Edward	14	3,556	2,781	497	6,848	684,800
Rainy River	12	1,184	1,201	176	2,573	280,457
Renfrew	58	6,669	5,593	1,417	13,737	1,208,856
Russell	32	3,052	2,021	802	5,907	549,351
Simcoe	74	13,127	11,061	2,625	26,887	2,554,265
Stormont	19	3,077	3,024	564	6,684	628,296
Sudbury	22	1,563	1,768	191	3,544	361,488
Thunder Bay	21	944	1,631	71	2,667	282,702
Timiskaming	15	1,702	1,815	183	3,715	408,650
Victoria	36	4,987	4,074	902	9,999	949,905
Waterloo	52	6,095	5,272	1,411	12,830	1,231,680
Welland	14	2,739	2,576	367	5,696	569,600
Wellington	64	9,814	8,575	1,819	20,272	1,946,112
Wentworth	24	4,378	4,051	602	9,055	950,775
York	82	8,292	7,195	1,286	16,855	1,719,210
The Province:						
1938	1,898	270,069	233,812	54,932	560,711	54,709,549
1937	1,857	269,196	234,442	52,350	557,845	57,286,273
1936	1,837	271,264	237,328	51,857	562,916	61,229,630

CATTLE ON HAND

Table XXI.—Showing by County Municipalities the number of Cattle on hand, June 15th, 1938, together with the totals for the Province for the past three years.

Counties and Districts	Bulls for breeding	Cows for milk purposes	Cows for beef purposes	Yearlings for milk purposes	Yearlings for beef purposes	Calves	All other cattle
Algoma	368	9,684	321	1,665	1,323	4,314	604
Brant	792	15,440	582	4,051	1,989	6,367	883
Bruce	1,332	35,781	3,868	5,645	21,235	23,667	11,358
Carleton	2,128	41,117	2,098	9,853	4,552	16,189	3,648
Cochrane	418	3,475	189	1,002	157	2,114	55
Dufferin	557	14,870	1,904	2,799	9,125	11,048	3,476
Dundas	1,659	26,473	705	5,824	121	7,889	112
Durham	665	16,219	2,054	3,325	4,257	8,949	1,841
Elgin	1,302	26,431	1,395	6,088	4,050	11,844	2,949
Essex	634	17,066	1,074	3,145	826	5,075	356
Frontenac	1,783	30,590	1,071	5,766	1,979	10,725	1,224
Glengarry	1,855	27,907	762	6,005	253	7,769	122
Grenville	1,186	18,231	444	4,180	188	6,237	114
Grey	1,648	43,253	4,846	7,079	23,538	30,189	9,514
Haldimand	714	14,950	523	3,853	2,463	7,030	935
Haliburton	167	3,695	154	515	921	2,431	307
Halton	762	12,937	814	3,311	1,741	6,141	968
Hastings	2,428	42,305	1,578	8,834	2,014	17,061	1,038
Huron	1,644	39,358	5,351	7,660	21,783	28,349	11,315
Kenora	81	1,426	26	246	59	499	8
Kent	673	19,469	2,751	4,365	6,082	11,506	4,509
Lambton	1,021	27,111	2,765	4,682	14,769	17,817	8,552
Lanark	1,125	25,293	2,312	5,483	7,409	13,446	4,428
Leeds	2,009	39,626	687	9,035	612	11,907	279
Lennox and Addington	1,192	25,115	576	4,902	1,672	9,555	823
Lincoln	416	8,779	354	1,703	451	3,269	164
Manitoulin	214	5,235	372	721	3,068	4,196	1,120
Middlesex	1,924	48,707	3,916	10,165	14,248	23,944	12,213
Muskoka	272	6,951	468	1,277	887	3,564	359
Nipissing	873	8,240	598	2,055	858	5,007	281
Norfolk	853	17,416	467	3,649	589	5,495	362
Northumberland	1,422	25,677	1,829	6,655	3,257	11,672	1,695
Ontario	1,184	23,668	2,877	5,829	6,817	14,016	3,731
Oxford	2,427	46,481	1,373	10,019	3,851	16,612	2,085
Parry Sound	431	10,174	557	1,829	2,553	6,169	722
Peel	1,015	20,594	902	4,369	2,655	7,464	1,518
Perth	1,837	38,245	1,883	8,722	10,453	20,333	3,857
Peterborough	952	19,544	966	4,325	4,385	10,564	1,969
Prescott	1,837	25,998	634	6,005	405	8,442	195
Prince Edward	801	15,012	475	2,858	257	5,361	89
Rainy River	248	4,253	264	956	790	2,428	259
Renfrew	2,058	31,803	2,945	6,886	10,084	20,838	6,013
Russell	1,636	20,725	576	5,057	535	8,004	166
Simcoe	1,423	41,428	3,376	8,946	15,437	23,944	6,385
Stormont	1,694	26,060	588	4,692	159	7,781	131
Sudbury	785	8,673	669	1,874	474	4,801	126
Thunder Bay	235	4,777	123	1,341	112	2,320	22
Timiskaming	546	7,119	413	1,872	850	3,891	154
Victoria	729	18,763	1,904	3,822	8,181	11,509	5,341
Waterloo	1,107	19,772	806	4,430	4,533	11,227	1,374
Welland	431	10,175	354	1,942	555	2,573	174
Wellington	1,455	31,662	3,125	5,598	13,945	21,462	5,007
Wentworth	877	16,764	691	3,414	1,203	5,849	528
York	1,555	33,912	2,133	6,725	3,058	11,414	1,419
The Province:							
1938	59,380	*1,174,429	74,488	247,049	247,768	562,267	126,877
1937	59,027	*1,175,862	70,963	241,705	236,620	558,086	110,818
1936	59,109	*1,181,456	70,732	236,025	242,810	564,705	119,357

*Including dual purpose cows.

TOTAL CATTLE AND SHEEP AND LAMBS ON HAND

TABLE XXII.—Showing by County Municipalities the number and value of Cattle on hand, June 15th, 1938, together with the totals for the Province for the past three years.

Counties and Districts	Total Cattle		Sheep and Lambs		
	Number	Value	Ewes for breeding	1 year and over	Under 1 year
		$			
Algoma	18,279	597,996	3,686	742	4,383
Brant	30,104	1,365,544	2,844	567	3,012
Bruce	102,886	3,632,209	18,332	3,245	22,202
Carleton	79,585	2,693,912	9,516	1,692	10,902
Cochrane	7,410	254,750	497	92	609
Dufferin	43,779	1,451,355	13,421	2,582	14,006
Dundas	42,783	1,332,174	1,127	231	1,383
Durham	37,310	1,289,568	8,642	1,637	9,987
Elgin	54,059	2,069,900	7,185	1,492	8,557
Essex	28,176	1,186,600	3,962	854	4,410
Frontenac	53,138	1,864,564	5,824	1,118	6,676
Glengarry	44,673	1,540,946	1,638	302	1,704
Grenville	30,580	1,025,031	3,528	733	4,229
Grey	120,067	4,279,881	30,884	6,349	38,695
Haldimand	30,468	1,272,272	5,223	937	6,345
Haliburton	8,190	281,545	1,839	331	1,995
Halton	26,674	1,017,749	3,946	784	4,337
Hastings	75,258	2,426,518	10,478	2,206	12,312
Huron	115,460	3,904,580	10,525	1,996	12,201
Kenora	2,345	85,307	352	71	411
Kent	49,355	1,949,271	6,003	1,158	7,421
Lambton	76,717	2,952,174	13,577	2,741	14,636
Lanark	59,496	1,746,366	14,073	2,352	15,996
Leeds	64,155	2,258,653	5,835	994	6,321
Lennox and Addington	43,835	1,379,000	3,414	692	3,983
Lincoln	15,136	675,977	2,121	404	2,493
Manitoulin	14,926	448,777	8,549	1,682	9,885
Middlesex	115,117	4,458,654	12,354	2,142	14,489
Muskoka	13,778	490,917	2,365	503	2,509
Nipissing	17,912	576,776	3,327	644	3,505
Norfolk	28,831	1,190,420	2,328	472	2,758
Northumberland	52,207	1,921,423	5,684	1,017	6,151
Ontario	58,122	2,068,418	12,722	2,567	15,011
Oxford	82,848	3,528,250	3,419	647	3,925
Parry Sound	22,435	735,659	5,975	1,062	6,444
Peel	38,517	1,510,950	4,719	841	5,325
Perth	85,330	2,974,640	4,375	888	5,357
Peterborough	42,705	1,373,095	5,396	1,078	6,155
Prescott	43,516	1,416,278	1,735	152	1,796
Prince Edward	24,853	841,835	2,317	502	2,688
Rainy River	9,198	295,230	3,756	594	4,434
Renfrew	80,627	2,121,388	26,328	4,529	28,574
Russell	36,699	1,196,402	1,843	411	2,191
Simcoe	100,939	3,393,463	21,325	3,977	23,338
Stormont	41,105	1,492,675	1,215	246	1,348
Sudbury	17,402	591,052	2,028	391	2,142
Thunder Bay	8,930	301,554	523	101	569
Timiskaming	14,845	490,327	3,512	702	3,856
Victoria	50,249	1,455,935	12,107	2,135	14,229
Waterloo	43,249	1,618,774	1,893	361	2,141
Welland	16,204	708,087	1,465	301	1,729
Wellington	82,254	2,816,238	14,649	2,582	17,007
Wentworth	29,326	1,336,610	2,483	478	2,931
York	60,216	2,364,288	10,623	1,791	11,984
The Province:					
1938	2,492,258	88,251,957	367,487	69,908	421,677
1937	2,453,081	93,360,874	375,619	70,810	433,340
1936	2,474,194	76,949,305	376,075	73,605	436,835

TOTAL SHEEP AND SWINE ON HAND

TABLE XXIII.—Showing by County Municipalities the number and value of Swine on hand, June 15, 1938, together with the totals for the Province for the past three years.

Counties and Districts	Total Sheep and Lambs		Swine		Total Swine	
	Number	Value	Six months and over	Under six months	Number	Value
		$				$
Algoma	8,811	46,522	672	2,285	2,957	35,218
Brant	6,423	47,723	4,202	11,953	16,155	210,015
Bruce	43,779	306,453	12,537	34,385	46,922	614,678
Carleton	22,110	136,861	5,969	20,226	26,195	284,478
Cochrane	1,198	9,165	612	2,217	2,829	38,899
Dufferin	30,009	216,665	7,689	22,854	30,543	413,858
Dundas	2,741	16,967	5,514	14,182	19,696	238,125
Durham	20,266	149,766	5,433	14,064	19,497	271,203
Elgin	17,234	108,919	9,017	23,315	32,332	407,060
Essex	9,226	59,415	17,897	31,659	49,556	661,573
Frontenac	13,618	88,108	4,062	12,178	16,240	208,846
Glengarry	3,644	24,633	4,727	13,860	18,587	242,560
Grenville	8,490	57,647	2,665	9,826	12,491	157,137
Grey	75,928	552,756	18,631	47,176	65,807	881,156
Haldimand	12,505	81,783	4,518	12,031	16,549	212,986
Haliburton	4,165	27,906	481	1,226	1,707	20,757
Halton	9,067	64,738	3,688	9,868	13,556	181,108
Hastings	24,996	157,225	10,948	31,735	42,683	551,038
Huron	24,722	173,054	18,127	55,446	73,573	983,671
Kenora	834	4,987	263	728	991	13,141
Kent	14,582	98,429	33,066	54,009	87,075	1,175,513
Lambton	30,954	211,106	14,162	36,955	51,117	672,189
Lanark	32,421	221,111	3,057	13,253	16,310	207,626
Leeds	13,150	90,472	4,487	14,977	19.464	256,341
Lennox and Addington	8,089	49,990	3,802	14,045	17,847	233,439
Lincoln	5,018	34,173	2,128	6,125	8,253	111,416
Manitoulin	20,116	130,553	1,006	2,899	3,905	52,054
Middlesex	28,985	212,460	15,273	39,528	54,801	721,729
Muskoka	5,377	35,166	522	1,512	2,034	25,506
Nipissing	7,476	47,921	1,518	5,204	6,722	87,857
Norfolk	5,558	35,849	4,327	10,703	15,030	204,107
Northumberland	12,852	85,980	9,325	29,751	39,076	530,652
Ontario	30,300	221,190	10,521	25,995	36,516	493,696
Oxford	7,991	55,857	12,298	33,191	45,489	612,737
Parry Sound	13,481	92,884	1,008	3,186	4,194	54,145
Peel	10,885	70,317	5,669	14,020	19,689	267,377
Perth	10,620	78,269	17,988	54,364	72,352	932,617
Peterborough	12,629	87,645	4,727	13,350	18,077	237,532
Prescott	3,683	22,724	5,117	15,182	20,299	259,218
Prince Edward	5,507	37,393	3,532	10,123	13,655	175,330
Rainy River	8,784	58,238	583	1,368	1,951	25,539
Renfrew	59,431	325,682	5,566	18,854	24,420	298,901
Russell	4,445	30,048	4,285	12,593	16,878	217,726
Simcoe	48,640	312,269	21,429	53,077	74,506	943,246
Stormont	2,809	17,360	3,748	15,039	18,787	229,953
Sudbury	4,561	28,187	1,834	4,322	6,156	79,412
Thunder Bay	1,193	7,945	644	1,751	2,395	33,985
Timiskaming	8,070	56,490	1,297	3,275	4,572	63,597
Victoria	28,471	199,297	6,304	19,537	25,841	326,372
Waterloo	4,395	29,754	15,059	37,245	52,304	677,860
Welland	3,495	22,578	2,593	5,938	8,531	117,387
Wellington	34,238	242,747	17,546	49,112	66,658	875,220
Wentworth	5,892	40,125	4,265	12,555	16,820	230,602
York	24,398	183,717	14,197	35,522	49,719	693,580
The Province:						
1938	858,262	5,805,219	390,535	1,039,744	1,430,309	18,751,968
1937	874,769	6,088,540	375,860	1,082,026	1,457,886	15,462,386
1936	886,515	5,790,872	311,521	1,096,787	1,408,308	13,313,339

POULTRY ON HAND

TABLE XXIV.—Showing by County Municipalities the number and value of Poultry on hand, June 15th, 1938, together with the totals for the Province for the past three years.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						$
Algoma	3,372	2,295	1,059	116,942	123,668	77,911
Brant	1,160	5,184	4,008	297,427	307,779	163,123
Bruce	18,802	15,275	13,517	571,789	619,383	359,242
Carleton	16,362	13,406	7,763	517,640	555,171	349,758
Cochrane	809	403	309	84,417	85,938	61,016
Dufferin	1,516	15,802	4,860	262,241	284,419	170,651
Dundas	9,373	7,769	6,044	381,696	404,882	230,783
Durham	3,194	11,604	6,644	441,483	462,925	268,497
Elgin	12,142	7,716	7,185	552,409	579,452	318,699
Essex	9,190	11,257	16,774	897,158	934,379	485,877
Frontenac	20,435	3,622	4,014	244,699	272,770	166,390
Glengarry	16,993	1,669	1,732	231,813	252,207	158,890
Grenville	7,330	3,410	3,076	223,747	237,563	166,294
Grey	9,188	26,032	13,306	727,840	776,366	512,402
Haldimand	9,519	5,198	5,597	466,766	487,080	301,990
Haliburton	1,360	513	151	26,188	28,212	18,620
Halton	3,640	6,492	5,051	256,098	271,281	165,481
Hastings	11,967	8,014	4,127	449,271	473,379	293,495
Huron	7,535	22,825	23,458	1,096,564	1,150,382	667,222
Kenora	519	179	209	20,612	21,519	14,203
Kent	11,186	12,588	22,969	892,029	938,772	516,325
Lambton	34,864	19,291	18,092	909,138	981,385	559,389
Lanark	17,030	4,237	2,253	283,569	307,089	205,750
Leeds	19,142	3,832	4,207	283,517	310,698	205,061
Lennox and Addington	6,249	3,503	3,840	284,538	298,130	172,915
Lincoln	6,341	2,536	5,367	272,299	286,543	174,791
Manitoulin	10,421	1,640	533	60,925	73,519	54,404
Middlesex	41,080	20,490	20,897	1,026,363	1,108,830	720,740
Muskoka	1,367	640	679	75,592	78,278	53,229
Nipissing	920	1,155	364	72,882	75,321	50,465
Norfolk	7,784	4,487	4,284	435,345	451,900	266,621
Northumberland	4,582	7,809	4,947	549,771	567,109	334,594
Ontario	8,075	14,802	8,319	530,239	561,435	364,933
Oxford	1,825	9,641	12,224	793,263	816,953	514,680
Parry Sound	2,106	2,109	936	78,022	83,173	58,221
Peel	4,664	11,861	8,780	405,393	430,698	262,726
Perth	1,853	19,117	14,563	704,806	740,339	451,607
Peterborough	12,855	7,112	3,233	278,960	302,160	190,361
Prescott	7,542	3,135	1,755	216,507	228,939	146,521
Prince Edward	3,186	2,384	3,232	212,160	220,962	134,887
Rainy River	6,246	739	685	58,093	65,763	49,980
Renfrew	16,452	8,817	2,468	318,146	345,883	235,200
Russell	1,399	6,793	1,779	219,457	229,428	139,951
Simcoe	16,524	26,113	18,049	782,922	843,608	506,165
Stormont	9,476	2,997	3,033	357,093	372,599	219,833
Sudbury	1,045	647	375	99,223	101,290	66,851
Thunder Bay	1,590	1,094	441	190,428	193,553	125,809
Timiskaming	1,034	1,415	900	82,882	86,231	60,362
Victoria	10,411	12,335	4,186	319,141	346,073	224,947
Waterloo	648	7,427	4,964	466,933	479,972	297,583
Welland	3,760	2,670	4,919	310,910	322,259	199,801
Wellington	1,622	24,058	9,539	633,168	668,387	421,084
Wentworth	2,284	5,572	4,041	416,331	428,228	269,784
York	5,855	19,748	18,111	702,071	745,785	492,218
The Province:						
1938	445,824	441,459	343,848	21,188,916	22,420,047	13,698,332
1937	425,428	446,198	350,254	21,314,261	22,536,141	13,989,813
1936	428,128	452,031	354,606	21,723,618	22,958,383	12,416,378

PART II—CHATTEL MORTGAGES

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, for the years 1936, 1937 and 1938, together with totals for the Province for all occupations as well as for "farmers," as far as given in the records.

Counties and Districts	1938		1937		1936	
	No.	Amount	No.	Amount	No.	Amount
		$		$		$
Algoma	151	236,659	130	211,368	138	290,912
Brant	508	802,503	403	375,812	413	440,069
Bruce	396	432,957	407	480,680	444	531,263
Carleton	3,880	2,169,709	4,260	2,123,077	3,973	2,057,057
Cochrane	328	426,218	278	378,093	257	217,763
Dufferin	168	323,995	188	354,909	214	393,329
Elgin	442	621,815	412	672,543	368	717,441
Essex	2,225	3,563,126	1,828	2,625,170	2,074	3,521,185
Frontenac	411	319,218	302	286,630	237	300,221
Grey	583	890,065	563	870,195	580	844,688
Haldimand	169	225,549	186	271,284	172	271,750
Halton	451	696,254	311	398,833	285	523,555
Hastings	559	827,691	523	677,076	482	844,252
Huron	429	771,959	443	779,743	482	853,059
Kenora	144	174,505	115	156,115	62	125,594
Kent	819	1,866,624	751	1,924,680	760	2,118,001
Lambton	354	514,842	348	488,646	345	476,989
Lanark	241	348,921	241	348,922	215	335,696
Leeds and Grenville	229	190,442	364	522,369	385	688,958
Lennox and Addington	156	656,642	150	549,102	144	526,671
Lincoln	501	455,143	471	499,311	406	498,695
Manitoulin	84	85,563	72	77,118	81	74,418
Middlesex	1,771	1,042,839	1,782	1,042,928	1,099	871,422
Muskoka	165	256,243	141	232,535	89	174,922
Nipissing	128	149.383	256	324,934	245	341,275
Norfolk	392	368 455	345	344,321	279	293,587
Northumberland and Durham	529	709,281	487	728,744	510	901,901
Ontario	629	819,249	501	788,012	594	1,050,193
Oxford	476	730,404	528	805,358	416	732,507
Parry Sound	146	138,777	149	260,273	187	237,698
Peel	346	392,393	274	572,371	226	389,069
Perth	409	554,109	374	499,134	393	530,104
Peterborough	336	422,582	278	478,236	274	404,689
Prescott and Russell	484	919,672	470	886,485	509	976,820
Prince Edward	224	300,842	196	308,569	240	379,294
Rainy River	131	124,714	115	125,218	106	125,666
Renfrew	276	560,812	272	509,843	326	604,687
Simcoe	866	339,079	768	1,038,551	717	743,941
Stormont, Dundas and Glengarry	605	1,015,343	577	1,013,013	589	1,187,150
Sudbury	509	473,783	504	399,655	475	465,305
Thunder Bay	243	965,158	219	370,372	231	481,397
Timiskaming	459	560,227	345	476,701	231	466,689
Victoria and Haliburton	270	373,277	256	383,616	269	456,075
Waterloo	746	532,008	484	785,094	444	677,510
Welland	806	983,607	630	864,805	665	876,326
Wellington	530	871,841	500	845,051	500	853,545
Wentworth	3,352	2,851,711	2,996	2,800,323	2,507	1,911,706
York	16,901	10,559,984	15,413	9,278,962	12,495	7,287,846
Total:						
All occupations	44,957	43,616,173	41,606	41,234,780	37,133	40,072,890
Farmers as given	7,252	15,227,048	8,018	15,866,720	8,982	18,255,547
*Occupations not given	25,202	16,085,409	20,565	10,116,911	16,264	7,857,542

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*A number of these may be "farmers." Nearly every clerk reports a number of instruments as unclassified as to occupation. Certain finance corporations have adopted the practice of filing chattel mortgages instead of liens on automobiles. This is very noticeable in Essex and Middlesex Counties (included in unclassified).

PART III.

Comparative Farm Statistics for Fifty-Seven Years—1882-1938

STATISTICS OF FARM CROPS

Fall Wheat and Spring Wheat

The following table gives the area, produce and market value of fall wheat and spring wheat for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the fifty-seven years.

Years	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market Value	Acres	Bushels	Per acre	Market value
				$				$
1938	742,052	19,805,775	26.7	11,082,514	88,001	1,592,289	18.1	923,545
1937	718,813	18,691,535	26.0	19,427,921	94,174	1,600,648	17.0	1,638,457
1936	509,306	12,478,456	24.5	13,601,343	97,972	1,735,147	17.7	1,874,293
1935	555,073	12,600,690	22.7	8,946,898	98,807	1,857,135	18.8	1,356,077
1934	425,594	6,724,089	15.8	5,917,025	96,373	1,803,088	18.7	1,533,062
1933	558,970	14,030,553	25.1	9,259,526	96,701	1,662,969	17.2	1,114,229
1932	536,292	15,061,600	28.1	6,929,113	100,068	1,990,368	19.9	895,980
1931	525,024	15,013,555	28.6	7,747,787	90,183	1,982,594	20.0	1,008,547
1930	676,802	18,047,207	26.7	11,958,527	98,966	2,179,204	22.0	1,426,734
1929	691,662	17,820,739	25.8	22,092,590	106,610	1,929,892	18.1	2,416,054
1928	693,660	16,766,408	24.2	20,456,753	109,805	2,181,855	19.9	2,599,815
1927	751,377	19,447,536	25.9	24,254,806	119,580	2,408,055	20.1	2,939,777
1926	807,015	20,988,030	26.0	26,262,506	115,497	2,166,054	18.8	2,708,690
1925	747,101	22,764,736	30.5	30,420,639	113,338	2,440,632	21.5	3,245,576
1924	722,366	21,396,621	29.6	28,646,679	101,401	1,948,853	19.2	2,669,773
1923	717,307	16,599,067	23.1	15,976,322	111,601	1,937,937	17.4	1,865,540
1922	813,935	17,792,958	21.9	18,616,746	124,206	2,099,503	16.9	2,207,565
1921	621,420	13,667,879	22.0	15,096,980	152,904	1,907,459	12.5	2,087,264
1920	762,371	18,492,013	24.3	35,759,610	267,367	4,480,472	16.8	8,237,182
1919	619,494	15,051,703	24.3	35,698,096	361,150	5,646,544	15.6	13,603,841
1918	362,616	7,054,845	19.5	14,877,794	351,423	8,186,191	23.3	17,076,203
1917	585,946	13,384,207	22.8	28,078,738	182,957	3,679,516	20.1	7,716,693
1916	704,867	14,942,050	21.2	24,099,591	144,305	2,213,961	15.3	3,591,681
1915	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
1914	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
1913	646,533	15,945,717	24.7	13,550,459	116,581	2,068,951	17.7	1,818,652
1912	759,888	15,039,885	19.8	13,795,968	123,080	2,302,339	18.7	2,072,266
1911	837,492	17,926,586	21.4	15,519,411	133,711	2,295,534	17.2	2,081,580
1910	743,473	19,837,172	26.7	17,172,678	129,319	2,489,833	19.3	2,229,999
1909	663,375	15,967,653	24.1	16,335,950	135,161	2,223,567	16.5	2,237,189
1908	679,642	16,430,476	24.2	14,649,061	142,124	2,197,716	15.5	1,996,230
1907	676,164	15,545,491	23.0	14,410,670	144,514	2,473,651	17.1	2,137,234
1906	787,287	18,841,774	23.9	13,321,134	171,745	3,267,000	19.0	2,250,963
1905	796,213	17,933,961	22.5	13,719,480	190,116	3,582,627	18.8	2,683,387
1904	605,458	9,160,623	15.1	9,041,535	225,027	3,471,103	15.4	3,269,779
1903	665,028	17,242,763	25.9	12,949,315	248,518	4,650,707	18.7	3,460,126
1902	748,592	20,233,669	27.0	14,305,204	303,115	6,048,024	20.0	4,209,425
1901	911,587	15,943,229	17.5	10,538,474	358,048	5,498,751	15.4	3,673,166
1900	1,068,640	23,369,737	21.9	15,517,505	376,905	6,940,333	18.4	4,684,725
1899	1,049,691	14,439,827	13.8	9,631,365	398,726	7,041,317	17.7	4,682,476
1898	1,048,182	25,158,713	24.0	17,460,147	389,205	6,873,785	17.7	4,756,659
1897	950,222	23,988,051	25.2	18,758,656	323,305	4,868,101	15.1	3,826,327
1896	876,955	15,078,441	17.2	10,705,693	255,361	3,519,322	13.8	2,484,641
1895	743,199	14,155,282	19.0	9,809,610	223,957	3,472,543	15.5	2,423,835
1894	778,992	16,512,106	21.2	9,081,658	230,016	3,367,854	14.6	1,869,159
1893	913,954	17,545,248	19.2	10,509,604	356,721	4,186,063	11.7	2,486,521
1892	966,522	20,492,497	21.2	14,488,195	651,302	8,290,395	12.7	5,620,888
1891	849,956	21,872,488	25.7	20,800,736	510,634	10,711,538	21.0	9,951,019
1890	720,101	14,267,383	19.8	13,439,875	601,753	7,683,905	12.8	7,015,405
1889	822,115	13,001,865	15.8	11,493,648	398,610	5,697,707	14.3	5,019,680
1888	826,537	13,830,787	16.7	14,162,726	367,850	6,453,559	17.5	6,408,384
1887	897,743	14,440,611	16.1	11,321,439	484,821	5,633,117	11.6	4,393,831
1886	886,402	18,071,142	20.4	13,300,361	577,465	9,518,553	16.5	6,900,951
1885	875,136	21,478,281	24.5	17,504,799	799,463	9,129,881	11.4	7,358,684
1884	864,740	20,717,631	24.0	16,677,693	721,647	14,609,661	20.2	11,892,264
1883	1,097,210	11,656,957	10.6	12,239,805	586,410	9,726,063	16.6	10,406,887
1882	1,188,520	31,255,202	26.3	31,567,754	586,817	9,665,999	16.5	10,245,959
Annual Averages:								
1922–1931	714,625	18,663,676	26.1	20,643,336	110,019	2,127,458	19.3	2,308,807
1912–1921	656,001	15,264,886	23.3	22,062,175	198,052	3,609,481	18.2	6,193,730
1902–1911	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1892–1901	930,794	18,668,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882–1891	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
1882–1938	759,500	17,106,561	22.5	16,344,801	259,214	4,301,741	16.6	4,158,217

STATISTICS OF FARM CROPS

Oats and Barley

The following table gives the area, produce and market value of Oats and Barley for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the fifty-seven years.

Years	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1938	2,262,930	83,198,318	27.9	23,231,985	544,017	16,648,991	30.6	6,798,249
1937	2,263,935	73,712,228	32.6	31,035,041	555,939	16,029,856	28.8	9,380,594
1936	2,345,906	66,857.962	28.5	32,091,668	519,233	14,018,054	27.0	11,214,391
1935	2,376,736	85.560,799	36.0	23,957,144	523,035	16,841,004	32.2	6,736,335
1934	2,390,817	81,526,069	34.1	28,534,021	484,908	14,741,263	30.4	7,370,538
1933	2,315,700	65,543,218	28.3	21,629,214	461,226	12,037,325	26.1	4,935,203
1932	2,338,569	75,517,411	32.3	18,878,732	456,000	13,771,000	30.2	4,958,004
1931	2,330,128	77,979,490	33.5	19,499,057	437,588	13,407,038	30.6	4,898,775
1930	2,468,913	97,481,866	39.5	28,983,780	609,879	20,910,731	34.3	7,496,760
1929	2,335,310	73,640,478	31.5	45,918,227	622,063	18,032,191	29.0	13,799,386
1928	2,659,980	93,461,068	35.1	51,912,665	615,433	19,944,133	32.4	14,790,285
1927	2,689,295	101,913,746	37.9	58,438,236	514,802	17,238,125	33.5	13,382,864
1926	2,831,755	95,722,130	33.8	49,615,846	449,095	14,447,174	32.2	9,823,171
1925	2,837,390	118,100,471	41.6	53,404,626	436,383	14,917,247	34.2	10,160,463
1924	2,891,990	114,249,129	39.5	61,899,999	439,177	14,570,403	33.2	11,970,808
1923	2,967,417	103,485,442	34.9	46,937,124	452,490	13,523,349	29.9	8,487,609
1922	3,034,090	116,033,569	38.2	50,450,114	433,922	13,971,811	32.2	8,561,782
1921	3,094,958	72,575,191	23.4	36,555,194	462,176	10,149,353	22.0	6,665,865
1920	2,880,053	129,171,312	44.9	75,159,913	484,328	16,660,350	34.4	15,631,613
1919	2,674,341	78,388,018	29.3	76,572,899	569,183	13,133,757	23.1	19,146,902
1918	2,924,468	131,752,601	45.1	98,798,745	660,404	24,247,673	36.7	25,112,912
1917	2,763,355	111,232,817	40.3	86,640,057	551,298	18,387,741	33.4	23,118,166
1916	2,689,762	71,297,528	26.5	47,066,428	527,886	12,388,969	23.5	12,621,940
1915	2,871,755	120,217,952	41.9	47,452,121	552,318	19,893,129	36.0	11,130,811
1914	2,776,883	103,564,322	37.3	51,232,043	579,473	18,096,754	31.2	11,640.790
1913	2,699,459	98,426,902	36.5	36,342,489	623,658	18,255,958	29.3	10,136,759
1912	2,601,735	98,444,807	37.8	38,005,016	647,382	19,232,275	29.7	11,296,962
1911	2,699,230	84,829,232	31.4	37,494,695	616,977	16,248,129	26.3	12,000,154
1910	2,757,933	102,084,924	37.0	35,698,964	626,144	19,103,107	30.5	9,930,410
1909	2,695,585	90,235,579	33.5	35,612,676	695,262	18,776,777	27.0	10,286,328
1908	2,774,259	96,626,419	34.8	38,987,985	734,029	20,888,569	28.5	10,943,788
1907	2,932,509	83,524,301	28.5	40,759,859	766,891	21,718,332	28.3	12,900,689
1906	2,716,711	108,341,455	39.9	36,836,095	756,163	25,253,011	33.4	11,363,855
1905	2,668,416	105,563,572	39.6	35,469,360	772,633	24,265,394	31.4	10,409,854
1904	2,654,936	102,173,443	38.5	33,002,022	772,434	24,567,825	31.8	10,736,140
1903	2,638,665	109,874,053	41.6	32,193,097	709,839	24,378,817	34.3	10,263,482
1902	2,500,758	106,431,439	42.6	37,038,141	661,622	21,890,602	33.1	9,872,661
1901	2,408,264	78,334,490	32.5	28,357,085	637,201	16,761,076	26.3	7,542,484
1900	2,398,834	89,693,327	37.4	23,768,732	577,810	16,909,751	29.3	6,577,893
1899	2,363,778	89,897,724	38.0	24,901,670	490,374	14,830,891	30.2	5,858,202
1898	2,376,360	86,858,293	36.6	22,409,440	438,784	12,663,668	28.9	4,812,194
1897	2,432,491	86,318,128	35.5	19,507,897	451,515	12,021,779	26.6	3,245,880
1896	2,425,107	82,979,992	34.2	16,595,998	462,792	12,669,744	27.4	4,003,639
1895	2,373,309	84,697,566	35.7	24,646,992	478,046	12,090,507	25.3	4,884,565
1894	2,342,766	70,172,516	30.0	21,613,135	486,261	10,980,404	22.6	4,447,064
1893	1,936,644	58,584,529	30.3	19,450,064	467,315	9,806,088	21.0	3,932,241
1892	1,861,469	64,758,053	34.8	19,945,480	499,225	12,274,318	24.6	5,069,293
1891	1,840,636	75,009,542	40.8	27,378,483	553,166	16,141,904	29.2	7,925,675
1890	1,882,366	52,768,207	28.0	21,687,734	701,326	15,600,169	22.2	7,831,285
1889	1,923,444	64,346,301	33.5	19,625,622	875,286	23,386,388	26.7	10,290,011
1888	1,849,868	65,466,911	35.4	26,514,099	895,432	23,366,569	26.1	14,043,308
1887	1,682,463	49,848,101	29.6	17,247,443	767,346	17,134,830	22.3	9,715,448
1886	1,621,901	58,665,608	36.2	18,772,995	735,778	19,512,278	26.5	10,009,799
1885	1,543,745	55,229,742	35.8	17,397,369	597,873	16,533,587	27.7	9,126,540
1884	1,481,828	57,696,304	38.9	19,097,476	700,472	19,119,041	27.3	10,247,806
1883	1,418,309	54,573,609	38.5	20,737,971	757,156	18,414,337	24.3	10,496,172
1882	1,387,487	50,501,701	36.4	21,715,731	848,617	24,284,407	28.6	15,784,865
Annual Averages:								
1922–1931	2,704,627	99,206,739	36.7	46,705,967	501,083	16,096,220	32.1	10,337,190
1912–1921	2,797,677	101,507,145	36.3	59,382,491	565,811	17,044,596	30.1	14,650,272
1902–1911	2,703,900	98,968,442	36.6	36,309,289	711,199	21,709,056	30.5	10,870,736
1892–1901	2,291,902	79,229,462	34.6	22,119,649	498,932	13,100,823	26.3	5,037,346
1882–1891	1,663,205	58,410,603	35.1	21,017,492	743,245	19,349,351	26.0	10,547,091
1882–1938	2,419,433	86,055,086	35.6	35,872,047	592,054	17,141,894	29.0	9,926,661

STATISTICS OF FARM CROPS

Peas and Beans

The following table gives the area, produce and market value of Peas and Beans for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the fifty-seven years.

Years	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1938	52 405	899,103	17.2	1,348,680	59,727	1,366,018	22.9	1,366,018
1937	58,358	796,208	13.6	1,242,687	57,175	1,105,660	19.3	1,178,628
1936	66,831	815,101	12.2	1,263,360	56,344	743,037	13.2	1,501,391
1935	68,709	1,168,244	17.0	1,109,639	56,987	1,031,871	18.1	1,496,499
1934	68,811	1,156,027	16.8	983,041	49,445	692,025	14.0	878,504
1933	58,746	938,755	16.0	750,856	52,320	779,476	14.9	717,326
1932	59,535	1,071,344	18.0	696,348	61,821	1,059,559	17.1	519,132
1931	58,944	972,832	16.5	608,586	76,312	1,184,172	15.5	685,934
1930	80,093	1,581,468	19.7	1,657,822	67,540	905,498	13.4	1,306,852
1929	79,523	1,235,658	15.5	2,013,945	63,732	1,113,310	17.5	3,373,233
1928	109,887	1,892,588	17.2	2,892,490	50,953	873,427	17.1	3,343,825
1927	105,662	2,035,687	19.3	3,049,924	47,156	725,011	15.4	1,700,257
1926	97,865	1,880,301	19.2	2,831,588	51,721	819,166	15.8	1,913,221
1925	133,434	2,607,287	19.5	3,532,258	61,080	1,154,317	18.9	2,431,446
1924	130,989	2,456,164	18.8	3,712,042	52,047	856.860	16.5	1,958,602
1923	117,409	2,030,850	17.3	2,940,685	41,127	633,713	15.4	1,538,701
1922	105,544	2,076,965	19.7	2,914,720	39,999	622,781	15.6	1,579,549
1921	105,964	1,441,095	13.6	2,205,423	26,509	427,531	16.1	1,005,057
1920	109,187	2,209,523	20.2	4,270,938	22,744	380,499	16.7	1,097,137
1919	127,253	1,816,517	14.3	4,794,268	22,920	288,480	12.6	1,154,081
1918	113,862	2,381,937	20.9	5,184,332	100,082	1,387,834	13.9	6,230,007
1917	90,322	1,512,567	16.7	4,855,888	110,680	1,078,510	9.7	7,446,626
1916	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,105
1914	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913	177,303	3,108,263	17.5	3,127,551	66,639	1,021,243	15.3	1,738,900
1912	221,524	3,667,005	16.6	4,047,354	69,703	1,182,132	17.0	2,280,173
1911	304,491	4,462,182	14.7	4,380,883	51,508	898,212	17.4	1,711,089
1910	403,414	6,016,003	14.9	4,856,986	49,778	892,927	17.9	1,386,798
1909	381,609	7,613,656	20.0	6,437,685	45,029	826,344	18.4	1,334,325
1908	396,642	7,401,336	18.7	6,121,449	46,477	783,757	16.9	1,160,103
1907	340,977	7,365,036	21.6	5,744,728	47,562	790,269	16.6	1,201,209
1906	410,356	7,388,987	18.0	5,216,625	51,272	950,312	18.5	1,320,934
1905	374,518	7,100,021	19.0	4,636,314	50,543	846,443	16.7	1,117,305
1904	339,260	6,629,866	19.5	4,176,816	50,892	912,849	17.9	1,113,676
1903	407,133	8,924,650	21.9	5,738,550	53,039	978,246	18.4	1,379,327
1902	532,639	7,664,679	14.4	5,441,922	53,964	670,633	12.4	905,355
1901	602,724	10,089,173	16.7	6,588,230	53,688	824,122	15.4	1,030,153
1900	661,592	14,058,198	21.2	8,027,231	44,053	820,373	18.6	817,912
1899	743,139	15,140,790	20.4	8,675,673	40,485	651,009	16.1	703,090
1898	865,951	13,521,263	15.6	7,058,099	45,220	759,657	16.8	531,760
1897	896,735	13,867,093	15.5	5,838,046	50,591	981,340	19.4	639,834
1896	829,601	17,493,148	21.1	7,696,985	68,369	1,197,535	17.5	819,114
1895	799,963	15,568,103	19.5	8,531,320	72,747	1,494,179	20.5	1,414,988
1894	785,007	14,022,888	17.9	7,516,268	59,281	827,514	14.0	913,575
1893	738,741	14,168,955	19.2	7,651,236	48,858	664,310	13.6	783,886
1892	774,732	14,494,430	18.7	8,551,714	33,249	535,931	16.1	529,500
1891	752,453	18,323,459	24.4	11,690,367	41,451	769,600	18.6	816,546
1890	781,206	15,389,313	19.7	9,279,756	39,456	761,341	19.3	978,323
1889	708,068	13,509,237	19.1	7,524,645	21,830	371,893	17.0	471,188
1888	696,653	14,269,863	20.5	9,332,490	22,700	534,526	23.5	607,756
1887	726,756	12,173,332	16.8	6,804,892	20,275	275,975	13.6	270,180
1886	703,936	16,043,734	22.8	8,439,004	21,072	482,072	22.9	403,494
1885	646,081	14,006,192	21.7	8,123,591	24,651	496,564	20.1	397,251
1884	570,928	13,691,607	24.0	8,817,395	24,878	592,044	23.8	698,612
1883	542,771	10,673,723	19.7	7,578,343	25,907	....	....	....
1882	560,770	11,006,115	19.6	8,144,525	19,787	409,910	20.7	807,523
Annual Averages:								
1922–1931	101,935	1,876,980	18.4	2,615,406	55,167	888,826	16.1	1,983,162
1912–1921	134,576	2,203,352	16.4	3,797,312	58,729	806,805	13.7	2,866,760
1902–1911	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1892–1901	769,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882–1891	668,962	13,908,658	20.8	8,573,501	26,201	469,393	17.9	545,087
1882–1938	369,778	7,012,722	19.0	5,020,062	49,323	802,348	16.3	1,445,992

STATISTICS OF FARM CROPS

RYE AND BUCKWHEAT

The following table gives the area, produce and market value of Rye and Buckwheat for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the fifty-seven years.

Years	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1938	74,129	1,439,266	19.4	626,738	183,200	3,507,176	19.1	1,440,364
1937	74,704	1,291,222	17.3	1,006,882	195,193	3,753,901	19.2	2,237,761
1936	53,212	893,962	16.8	751,119	196,971	3,959,741	20.1	2,732,034
1935	59,340	1,044,363	17.6	417,797	186,427	3,896,451	20.9	1,558,406
1934	55,947	865,988	15.5	475,984	213,904	4,384,994	20.5	2,060,966
1933	54,006	913,024	16.9	465,739	207,124	4,349,266	21.0	1,826,807
1932	57,500	1,024,000	17.8	378,924	196,552	4,511,006	22.9	1,579,166
1931	61,701	1,104,754	17.9	462,594	178,719	3,665,584	20.5	1,551,607
1930	52,881	937,302	17.7	454,565	275,317	5,675,616	20.6	2,935,428
1929	52,023	873,239	16.8	847,938	294,388	5,562,013	18.9	4,627,121
1928	66,307	1,131,172	17.1	1,076,724	271,243	5,692,376	21.0	4,638,578
1927	72,323	1,289,058	17.8	1,228,421	249,210	5,892,510	23.6	4,593,204
1926	86,355	1,501,390	17.4	1,309,840	234,870	4,975,192	21.2	3,830,695
1925	98,652	1,784,625	18.1	1,553,529	257,932	5,579,109	21.6	4,086,236
1924	126,641	2,299,545	18.2	2,471,369	240,552	6,449,496	26.8	5,593,465
1923	123,354	2,011,325	16.3	1,481,691	230,276	5,012,010	21.8	3,670,511
1922	152,709	2,500,354	16.4	1,959,112	197,812	4,266,215	21.6	3,137,448
1921	122,868	1,775,599	14.5	1,467,086	147,944	3,354,201	22.7	2,482,999
1920	133,090	2,349,880	17.7	3,336,240	143,204	3,190,478	22.3	3,367,161
1919	140,072	2,219,042	15.8	3,531,031	178,569	4,071,959	22.8	5,727,413
1918	112,726	1,812,909	16.1	2,750,561	223,662	4,597,990	20.6	6,207,986
1917	133,077	2,222,325	16.7	3,614,591	153,457	2,992,391	19.5	4,278,256
1916	148,738	2,354,410	15.8	2,797,290	229,205	3,261,888	14.2	3,555,699
1915	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
1914	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
1912	105,949	1,839,675	17.4	1,287,208	205,893	5,414,796	26.3	2,950,001
1911	98,652	1,562,971	15.8	1,326,510	189,039	3,852,231	20.4	2,324,992
1910	95,397	1,620,333	17.0	1,024,787	194,913	4,693,881	24.1	2,346,387
1909	94,661	1,573,921	16.6	1,060,566	176,630	4,280,790	24.2	2,284,440
1908	87,908	1,453,616	16.5	1,012,953	140,605	3,323,668	23.6	1,799,890
1907	67,158	1,039,021	15.5	721,081	113,039	2,546,468	22.5	1,461,673
1906	79,870	1,327,582	16.6	808,497	106,444	1,792,903	16.8	887,487
1905	101,292	1,714,951	16.9	974,092	101,591	2,199,652	21.7	1,099,826
1904	130,702	2,001,826	15.3	1,153,052	100,608	2,066,234	20.5	1,004,190
1903	179,277	2,970,768	16.6	1,443,793	95,487	2,049,169	21.5	907,782
1902	189,318	3,509,332	18.5	1,772,213	93,324	1,911,683	20.5	917,608
1901	158,236	2,545,268	16.1	1,254,817	88,266	1,757,071	19.9	850,422
1900	142,213	2,357,635	16.6	1,143,453	102,570	1,874,261	18.3	819,052
1899	137,824	2,284,846	16.6	1,142,423	132,082	2,203,299	16.7	1,002,501
1898	165,089	2,673,234	16.2	1,162,857	150,394	2,373,645	15.8	906,732
1897	187,785	3,382,005	18.0	1,275,016	151,669	3,464,186	22.8	1,039,256
1896	148,680	2,230,873	15.0	816,500	145,606	2,603,669	17.9	794,119
1895	120,350	1,900,117	15.8	866,453	135,262	2,791,749	20.6	1,027,364
1894	90,144	1,386,606	15.4	612,880	145,268	2,534,335	17.4	993,459
1893	68,486	994,771	14.5	472,516	133,828	2,380,456	17.8	995,031
1892	73,073	1,132,504	15.5	631,937	125,104	2,521,214	20.2	1,063,952
1891	67,865	1,134,630	16.7	820,337	107,879	2,608,142	24.2	1,150,191
1890	103,061	1.563,345	15.2	823,883	90,111	2,053,720	22.8	883,100
1889	90,106	1,431,679	15.9	728,725	56,398	1,272,578	22.6	502,668
1888	84,087	1,295,302	15.4	779,772	57,528	1,222,283	21.2	602,585
1887	68,362	894,887	13.1	442,969	64,143	1,025,353	16.0	461,409
1886	67,779	1,106,462	16.3	577,573	70,792	1,678,708	23.7	565,725
1885	78,293	1,271,506	16.2	701,871	61,776	1,530,675	24.8	600,024
1884	103,416	1,648,259	15.9	984,010	65,836	1,484,570	22.5	593,828
1883	188,111	3,012,240	16.0	2,018,201	67,802	....	....	....
1882	185,276	3,473,799	18.7	2,223,231	50,035	1,262,973	25.2	505,189
Annual Averages:								
1922–1931	89,295	1,543,279	17.3	1,284,578	243,032	5,277,012	21.7	3,866,429
1912–1921	132,760	2,207,966	16.6	2,459,189	188,094	3,942,591	21.0	3,721,788
1902–1911	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1892–1901	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882–1891	103,636	1,683,211	16.2	1,010,057	69,230	1,413,900	20.4	586,472
1882–1938	107,050	1,780,325	16.6	1,289,095	157,976	3,296,809	20.9	2,100,150

STATISTICS OF FARM CROPS

Flax and Mixed Grains

The following table gives the area, produce and market value of Flax and Mixed Grains for the years 1907 to 1938, together with the annual averages for the various periods and for the whole term of years.

Years	Flax				Mixed Grains			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1938	5,176	44,917	8.7	56,200	888,321	32,596,707	36.7	11,522,394
1937	5,009	51,743	10.3	72,501	890,136	30,674,828	34.5	14,787,597
1936	5,289	34,423	6.5	50,819	953,079	27,830,699	29.2	14,750,022
1935	7,436	75,277	10.2	98,277	926,557	33,821,188	36.5	11,499,206
1934	5,666	56,716	10.0	75,550	941,448	32,195,970	34.2	12,878,261
1933	5,548	49,474	9.0	59,357	946,779	27,552,147	29.1	10,470,240
1932	6,280	61,569	9.8	55,540	986,161	33,327,100	33.8	10,997,537
1931	7,325	79,555	10.9	83,812	1,012,347	35,155,615	34.7	12,510,754
1930	5,235	51,257	9.8	78,809	958,086	37,512,279	39.2	13,857,314
1929	5,492	46,927	8.5	109,034	892,897	29,903,638	33.5	21,890,640
1928	7,964	67,441	8.5	141,111	905,693	33,691,418	37.2	23,420,648
1927	7,080	68,173	9.6	121,004	799,333	31,918,944	39.9	22,882,169
1926	7,712	75,736	9.8	148,149	770,981	28,577,629	37.1	18,697,998
1925	9,789	123,134	12.6	262,386	681,624	28,246,057	41.4	16,559,729
1924	6,619	77,801	11.8	162,590	645,622	26,403,332	40.9	18,231,508
1923	6,766	68,684	10.2	140,376	648,934	23,880,889	36.8	14,290,315
1922	4,556	48,662	10.7	106,046	552,399	21,270,479	38.5	11,882,085
1921	7,534	66,748	8.9	130,995	618,289	16,188,510	26.2	10,579,352
1920	21,053	224,893	10.7	515,983	581,689	25,712,447	44.2	20,556,442
1919	13,717	129,461	9.4	670,608	628,761	19,735,287	31.4	26,403,773
1918	15,925	196,221	12.3	*1,224,783	619,389	27,462,374	44.3	28,253,556
1917	7,372	....	....	....	515,593	20,102,421	39.0	20,876,501
1916	5,880	....	....	....	485,986	13,297,354	27.4	12,485,065
1915	5,334	....	....	....	475,738	19,461,609	40.9	10,602,271
1914	6,025	....	....	....	456,631	16,854,550	36.9	10,074,687
1913	7,431	....	....	....	414,517	15,113,480	36.5	7,953,111
1912	9,125	....	....	....	448,402	16,382,161	36.5	8,674,724
1911	12,128	....	....	....	486,112	14,845,595	30.5	9,104,141
1910	12,021	....	....	....	497,936	18,261,803	36.7	9,187,822
1909	11,253	....	....	....	474,530	16,199,434	34.1	8,825,196
1908	8,562	....	....	....	456,049	15,354,350	33.7	8,444,893
1907	9,296	....	....	....	443,100	14,202,511	32.1	7.811,381
Annual Averages:								
1922–1931	6,854	70,737	10.3	135.332	786,792	29,666,028	37.7	17,422,316
1912–1921	9,940	....	....	....	524,500	19,031,019	36.3	15,645,948
1907–1911	10,652	....	....	....	471,545	15,772,739	33.4	8,674,687
1907–1938	8,175	....	....	....	687,598	24,491,963	35.6	14,405,042

*Including seed of fibre variety commandeered and shipped to Ireland to the value of $930,769.

No estimates of yields of flax were made previous to 1918. The average for the twenty-one years, 1918–1938, was 7,961 acres, yielding 80,896 bushels, valued at $207,806.

STATISTICS OF FARM CROPS

HUSKING CORN AND SILO CORN

The following table gives the area, produce and market value of *Corn (for husking and for silo) for the years 1892 to 1938, together with the annual averages for the various periods of ten years and the average for the forty-seven years.

Years	Corn for Husking				Corn for Silo			
	Acres	Bushels (shelled)	Per acre	Market value	Acres	Tons (green)	Per acre	Market value
				$				$
1938	180,130	7,696,212	42.7	3,307,900	321,754	3,470,225	10.79	8,726,715
1937	165,593	5,409,213	32.7	3,272,319	317,349	3,080,766	9.71	8,280,429
1936	164,399	6,082,942	37.0	4,136,165	306,934	2,470,816	8.05	7,858,238
1935	167,710	7,764,981	46.3	3,494,268	324,799	3,033,659	9.34	9,100,977
1934	161,137	6,797,863	42.2	4,419,012	323,173	2,990,000	9.25	11,960,000
1933	136,596	5,054,297	37.0	2,830,032	286,021	2,440,009	8.53	7,320,027
1932	130,257	5,056,623	38.8	2,275,625	285,343	2,573,977	9.02	6,434,943
1931	123,960	5,434,159	43.9	2,157,322	264,286	2,301,527	8.71	9,206,108
1930	130,094	5,148,898	39.6	3,569,682	311,817	2,619,049	8.40	10,476,196
1929	120,000	4,449,961	32.1	4,460,367	287,566	2,221,467	7.73	9,574,523
1928	110,192	4,614,567	41.9	4,714,511	299,307	2,685,727	8.97	11,199,482
1927	102,626	3,632,809	35.4	3,613,287	326,964	2,490,660	7.62	10,012,453
1926	179,325	6,886,293	38.4	5,529,069	367,772	3,497,071	9.51	15,736,820
1925	207,767	9,736,311	46.9	8,131,617	373,133	3,614,233	9.69	15,360,490
1924	263,615	11,141,331	42.3	11,737,059	403,060	3,977,017	9.87	17,896,577
1923	285,335	12,861,496	45.1	9,710,461	409,628	3,651,102	8.91	14,604,408
1922	265,018	12,306,242	46.5	8,609,503	438,819	4,413,191	10.06	17,652,764
1921	250,684	13,542,441	54.0	8,012,455	438,343	5,015,082	11.44	25,075,410
1920	243,909	12,914,851	52.9	12,867,119	449,176	4,668,054	10.39	23,340,270
1919	221,004	10,101,650	45.7	16,400,838	399,549	4,013,946	10.05	20,069,730
1918	195,310	8,676,715	44.4	13,650,415	380,946	3,944,313	10.35	17,749,409
1917	258,935	7,675,675	29.7	14,278,407	511,329	4,587,176	8.97	18,348,704
1916	258,332	8,478,048	32.8	9,446,060	439,411	3,276,185	7.46	10,647,610
1915	309,773	14,506,997	46.8	9,885,292	443,736	4,874,377	10.98	12,185,943
1914	290,817	15,488,240	53.3	10,622,455	418,105	4,751,223	11.36	11,878,058
1913	299,871	14,809,343	49.4	9,545,538	388,138	4.059,345	10.46	10,148,363
1912	301,251	14,646,312	48.6	8,162,565	377,982	3,969,597	10.50	9,923,993
1911	308,350	14,608,860	47.8	9,693,994	335,935	3,764,227	11.21	9,410,568
1910	320,519	16,600,257	51.8	9,301,245	326,627	3,788,364	11.60	7,576,728
1909	322,789	15,079,793	46.7	9,705,826	288,346	3,374,655	11.70	6,749,310
1908	299,690	15,734,081	52.5	9,440,336	233,753	2,729,265	11.68	5,458,530
1907	338,573	14,599,644	43.1	6,219,448	200,354	2,029,547	10.13	4,059,094
1906	289,456	15,992,455	55.3	9,019,744	180,796	2,149,413	11.89	4,298,826
1905	295,005	13,948,613	47.3	7,720,557	184,784	2,284,812	12.36	4,569,624
1904	329,882	13,494,609	40.9	7,570,476	193,115	2,023,340	10.48	4,046,680
1903	378,924	19,525,259	51.5	10,807,230	209,727	2,564,400	12.23	5,128,800
1902	371,959	13,674,796	36.7	8,327,951	209,859	2,611,334	12.44	5,222,668
1901	323,923	16,558,737	51.1	9,438,480	197,932	2,359,514	11.92	4,719,028
1900	330,772	18,062,374	54.6	8,588,659	179,798	2,147,532	11.94	4,295,064
1899	333,590	14,448,823	43.3	4,291,300	171,935	1,697,755	9.87	3,395,510
1898	330,748	15,628,395	47.3	4,711,961	189,948	2,128,073	11.20	4,256,146
1897	335,030	16,442,665	49.1	4,858,808	209,005	2,669,822	12.77	5,339,644
1896	317,667	16,047,576	50.5	4,717,987	178,962	1,948,780	10.89	3,897,560
1895	302,929	16,546,599	54.6	5,609,297	149,899	1,775,654	11.85	3,551,308
1894	267,348	10,850,235	40.6	4,247,867	111,361	1,049,765	9.43	2,099,530
1893	217,294	9,381,974	43.2	3,729,335	95,865	1,049,524	10.95	2,099,048
1892	181,463	7,486,332	41.3	2,953,358	91,403	948,907	10.38	1,897,814
Annual Averages:								
1922–1931	178,793	7,621,207	42.6	6,223,288	348,235	3,147,104	9.04	13,171,982
1912–1921	262,989	12,084,027	45.9	11,287,114	424,672	4,315,930	10.16	15,936,749
1902–1911	325,515	15,325,837	47.1	8,780,681	236,330	2,731,936	11.56	5,652,083
1892–1901	294,076	14,145,371	48.1	5,314,705	157,611	1,777,533	11.28	3,555,065
1892–1938	249,352	11,396,309	45.7	7,229,643	294,550	2,974,138	10.10	9,422,130

*The combined average area for corn for the ten years, 1882–1891, was 195,878 acres, the average value of the produce for the same period being $3,704,614. The combined average for corn for the fifty-seven years, 1882–1938, was 482,670 acres, the average value of the produce for the same period being $14,380,341.

STATISTICS OF FARM CROPS

Potatoes and Turnips

The following table gives the area, produce and market value of Potatoes and Turnips for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the fifty-seven years.

Years	Potatoes				Turnips			
	Acres	Hundred-weight	Per acre	Market value	Acres	Bushels	Per acre	Market value
				$				$
1938	146,177	7,428,652	50.8	5,779,073	63,407	26,101,938	412	3,132,233
1937	150,649	10,130,497	67.2	6,122,043	62,002	24,908,885	402	2,989,066
1936	145,046	8,700,037	60.0	11,744,902	61,902	23,226,804	375	3,215,753
1935	149,245	7,877,771	52.8	7,878,163	62,248	21,786,804	350	2,614,416
1934	164,325	11,829.864	72.0	6,506,762	65,021	25,368,247	390	3,550,155
1933	157,536	8,694,295	55.2	8,694,061	66,100	20,228,057	306	2,427,366
1932	156,252	9,515,764	60.9	6,565,765	65,952	25,456,398	386	2,036,511
1931	168,158	12,015,901	71.5	4,735,770	68,323	23,489,120	344	2,348,912
1930	159,192	10,965,033	68.9	10,906,175	74,133	25,386,998	342	5,077,400
1929	148,435	8,484,053	57.2	15,271,732	72,502	22,848,692	315	4,569,738
1928	181,241	11,275,111	62.2	11,052,928	71,791	34,323,412	478	6,864,682
1927	159,871	9,297,184	58.2	13,662,224	68,479	29,452,281	430	5,448,672
1926	153,468	9,897,774	64.5	18,627,771	71,500	23,204,013	325	4,640,803
1925	163,790	9,428,872	57.6	21,513,125	73,318	28,015,466	382	5,042,784
1924	169,145	14,979,918	88.6	13,355,441	70,110	32,547,607	464	5,533,093
1923	164,682	11,479,188	69.7	14,306,447	65,193	27,099,910	416	5,419,982
1922	172,858	12,209,725	70.6	10,385,525	67,635	29,923,528	442	5,984,706
1921	164,096	9,240,085	56.3	13,589,599	70,715	24,265,547	343	6,673,025
1920	157,509	14,377,025	91.3	23,776,530	80,588	40,141,406	498	11,038,887
1919	157,286	9,086,953	57.8	25,026,467	85,312	28,740,526	337	7,903,645
1918	166,203	11,625,568	69.9	19,238,431	85,449	42,190,382	494	10,547,596
1917	146,481	10,975,041	74.9	22,530,291	93,034	39,989,556	430	7,997,911
1916	139,523	4,445,057	31.9	9,684,215	91,670	24,067,699	263	3,369,478
1915	173,934	7,960,214	45.8	10,805,026	97,451	46,598,851	478	4,659,885
1914	167,591	16,030,552	95.7	11,747,332	95,371	46,336,708	486	4,633,671
1913	159,661	11,414,469	71.5	12,114,656	97,572	41,889,894	429	4,188,989
1912	158,888	12,807,836	80.6	13,604,052	101,529	49,561,566	488	4,956,157
1911	162,457	8,351,219	51.4	11,722,539	100,593	39,664,275	394	3,966,428
1910	168,454	13,156,682	78.1	10,798,597	108,360	49,425,472	456	4,942,547
1909	169,695	14,787,170	87.1	8,989,452	113,400	50,738,940	447	5,073,894
1908	166,974	11,110,585	66.5	8,874,201	120,920	41,210,189	341	4,121,019
1907	177,186	12,034,605	67.9	11,693,625	123,011	48,205,605	392	4,820,561
1906	136,064	9,012,179	66.2	8,080,921	132,512	57,060,151	431	5,706,015
1905	132,530	8,619,629	65.0	6,608,383	135,348	57,654,086	426	5,765,409
1904	133,819	9,287,473	69.4	7,847,915	133,207	64,861,703	487	6,486,170
1903	139,011	10,005,868	72.0	7,354,313	134,469	69,316,341	515	6,931,634
1902	144,733	7,765,501	53.7	7,312,514	136,725	71,740,204	525	7,174,020
1901	154,155	10,869,982	70.5	7,717,687	145,909	68,287,467	468	6,828,747
1900	163,754	12,885,863	78.7	5,605,351	156,583	59,330,395	379	5,933,040
1899	168,148	11,960,020	71.1	6,538,144	153,440	58,078,390	379	5,807,839
1898	169,946	8,615,175	50.7	6,332,154	151,601	64,727,882	427	6,472,788
1897	169,333	9,660,478	57.1	6,424,218	149,336	68,297,148	457	6,829,715
1896	178,965	12,783,286	71.4	5,582,035	148,234	69,814,841	471	6,981,484
1895	184,647	17,634,530	95.5	5,936,959	151,806	63,496,702	418	6,349,670
1894	167,253	10,297,878	61.6	6,075,748	147,657	61,694,487	418	6,169,449
1893	142,601	7,746,727	54.3	5,099,929	136,604	56,975,355	417	5,697,535
1892	145,703	7,373,890	50.6	6,194,068	129,627	63,541,641	490	6,354,164
1891	160,218	14,433,532	90.1	7,842,219	126,075	68,853,452	546	6,885,345
1890	158,094	10,536.670	66.6	7,779,575	111,055	47,040,563	424	4,704,056
1889	145,812	8,613,317	59.1	6,531,766	111,103	37,021,260	333	3,702,126
1888	153,915	13,364,164	86.8	7,060,733	113,188	47,640,237	421	4,764,024
1887	140,283	6,406,800	45.7	6,705,784	105,322	31,413,456	298	3,141,346
1886	140,143	9,607,415	68.6	7,189,548	98,931	47,061,053	476	4,706,105
1885	159,741	12,654,686	79.2	8,668,460	102,303	41,137,735	402	4,113,774
1884	168,757	16,527,757	97.9	11,018,504	104,190	44,406,363	426	4,440,636
1883	166,823	9,840,469	59.0	10,168,485	98,429	29,879,354	304	2,987,935
1882	160,700	11,059,287	68.8	11,796,573	78,823	35,359,331	448	3,535,933
Annual Averages:								
1922–1931	164,084	11,063,276	67.4	13,381,714	70,298	27,629,103	393	5,093,077
1912–1921	159,117	10,796,280	67.9	16,211,660	89,869	38,378,214	427	6,596,924
1902–1911	153,092	10,413,091	68.0	8,928,246	123,855	54,987,697	444	5,498,770
1892–1901	164,451	10,982,783	66.8	6,150,629	147,080	63,424,431	431	6,342,443
1882–1891	155,449	11,304,410	72.7	8,476,165	104,943	42,981,280	410	4,298,128
1882–1938	158,441	10,697,812	67.5	10,259,209	101,879	42,825,866	420	5,233,244

STATISTICS OF FARM CROPS

Mangels and Sugar Beets

The following table gives the area, produce and market value of Mangels for the years 1882 to 1938, and of Sugar Beets for the years 1907 to 1938, together with the annual averages for the various periods of ten years and the average for the full period.

Years	Mangels				Sugar Beets			
	Acres	Bushels	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1938	35,673	15,503,275	435	1,860,393	28,206	276,447	9.80	1,796,906
1937	33,202	14,130,612	426	1,695,673	30,274	240,405	7.94	1,286,167
1936	32,408	12,941,428	399	1,811,800	37,564	390,667	10.40	2,078,348
1935	33,829	12,787,436	378	1,534,492	39,892	339,086	8.50	1,800,547
1934	33,079	13,826,991	418	1,935,779	37,575	255,695	6.80	1,457,462
1933	32,071	10,785,774	336	1,294,293	31,904	319,040	10.00	1,993,966
1932	31,797	12,781,446	402	1,022,515	33,256	332,560	10.00	1,745,939
1931	32,399	11,855,500	366	1,185,550	35,258	327,899	9.30	1,965,880
1930	29,055	10,626,135	366	2,125,227	38,220	340,158	8.90	2,333,909
1929	30,395	9,728,083	320	1,945,617	36,864	303,391	8.23	2,022,347
1928	33,567	14,738,443	439	2,947,689	45,294	380,470	8.40	2,757,898
1927	34,665	13,494,700	389	2,496,520	38,503	336,131	8.73	2,606,653
1926	34,009	13,548,484	398	2,709,697	41,594	471,260	11.33	3,766,217
1925	35,385	14,881,069	421	2,678,592	37,718	416,784	11.05	3,003,608
1924	35,958	15,616,128	434	2,654,742	36,080	333,740	9.25	2,272,570
1923	35,118	14,865,791	423	2,973,158	22,450	216,194	9.63	1,729,523
1922	35,274	16,366,353	464	3,273,271	20,725	190,256	9.18	1,523,246
1921	31,225	11,909,854	381	3,275,210	28,367	268,068	9.45	2,946,068
1920	36,450	17,174,290	471	4,722,930	36,288	412,957	11 38	4,536,693
1919	35,010	13,409,270	383	3,687,549	24,500	239,610	9.78	2,636,286
1918	40,714	18,244,453	448	4,561,113	22,894	235,350	10.28	2,349,535
1917	49,148	19,492,626	397	3,898,525	22,039	169,700	7.70	1,356,223
1916	42,793	9,756,015	228	1,365,842	22,482	150,629	6.70	843,351
1915	50,799	25,356,323	498	2,028,506	22,890	216,311	9.45	1,080,535
1914	50,663	25,439,520	502	2,035,162	18,534	186,823	10.08	933,352
1913	54,568	21,935,847	402	1,754,868	19,083	159,916	8.38	798,647
1912	60,103	27,671,114	460	2,213,689	21,054	195,381	9.28	977,383
1911	64,855	28,126,313	434	2,250,105	24,664	223,949	9.08	1,117,707
1910	68,966	34,686,137	503	2,774,891	26,879	280,886	10.45	1,348,629
1909	70,488	28,928,347	410	2,314,267	19,812	174,940	8.83	840,188
1908	67,937	29,870,966	440	2,389,677	17,453	175,054	10.03	840,570
1907	68,644	30,260,315	441	2,420,825	16,851	206 088	12.23	988,445
1906	69,352	32,863,192	474	2,629,055	....	....	.....	....
1905	69,035	33,216,930	481	2,657,354	....	....	.....	....
1904	71,344	33,595,440	471	2,687,635	....	....	.....	....
1903	80,918	41,768,239	516	3,341,459	....	....	.....	....
1902	76,553	39,140,924	511	3,131,274	....	....	.....	....
1901	61,095	29,683,324	486	2,374,666	....	....	.....	....
1900	54,543	24,728,525	453	1,978,282	....	....	.....	....
1899	53,401	20,898,387	391	1,671,871	....	....	.....	....
1898	47,923	21,957,564	458	1,756,605	....	....	.....	....
1897	41,175	18,103,387	440	1,448,271	....	....	.....	....
1896	36,101	16,849,401	467	1,347,952	....	....	.....	....
1895	34,383	15,961,502	464	1,276,920	....	....	.....	....
1894	27,670	11,532,127	417	922,570	....	....	.....	....
1893	21,519	8,582,568	399	686,605	....	....	.....	....
1892	22,026	10,350,474	470	828,038	....	....	.....	....
1891	22,961	11,779,448	513	942,356	....	....	.....	....
1890	25,953	11,594,518	447	927,561	....	....	.....	....
1889	21,211	7,223,478	341	577,878	....	....	.....	....
1888	21,459	10,020,659	467	801,653	....	....	.....	....
1887	17,924	5,695,761	318	455,661	....	....	.....	....
1886	18,170	8,787,743	484	703,019	....	....	.....	....
1885	16,435	7,660,729	466	612,858	....	....	.....	....
1884	18,341	8,655,184	472	692,415	....	....	.....	....
1883	17,219	6,252,015	363	500,161	....	....	.....	....
1882	15,792	7,711,420	488	616,913	....	....	.....	....
Annual Averages:								
1922–1931	33,583	13,572,069	404	2,499,006	35,271	331,547	9.40	2,398,185
1912–1921	45,147	19,038,931	422	2,954,339	23,813	223,366	9.38	1,845,807
1902–1911	70,809	33,245,680	470	2,659,654	*21,132	*212,377	*10.05	*1,027,108
1892–1901	39,984	17,864,726	447	1,429,178	....	....	.....	....
1882–1891	19,546	8,538,096	437	683,048	....	....	.....	....
1882–1938	40,750	17,813,193	437	1,989,600	†29,224	†273,880	†9.37	†1,866,712

*1907–11. †1907–38.

STATISTICS OF FARM CROPS

Alfalfa and Hay and Clover

The following table gives the area, produce and market value of Alfalfa for the years 1912 to 1938, and of Hay and Clover for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Alfalfa				Hay and Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1938	643,075	1,527,824	2.38	11,076,733	†2,440,625	4,169,076	1.71	28,850,043
1937	646,657	1,664,219	2.57	12,162,141	†2,474,861	4,190,574	1.69	29,923,850
1936	666,374	1,519,010	2.28	13,276,250	†2,510,329	3,936,141	1.57	34,612,053
1935	588,911	1,519,349	2.58	11,499,393	†2,529,452	4,603,677	1.82	32,593,451
1934	510,215	934,035	1.83	12,559,686	†2,618,811	2 775,995	1.06	35,032,423
1933	560,518	1,300,039	2.32	10,023,129	†2,769,610	4,127,139	1.49	34,708,446
1932	527,793	1,403,923	2.66	11,527,009	†2,780,349	4,420,718	1.59	32,005,889
1931	431,110	971,304	2.25	9,816,770	†2,858,923	4,615,372	1.61	38,906,045
1930	641,686	1,409,528	2.20	16,065,846	†2,849,702	4,353,094	1.53	45,365,729
1929	685,880	1,596,212	2.33	19,546,701	†2,915,221	4,661,660	1.60	52,573,554
1928	743,230	1,730,135	2.33	20,020,248	†2,811,076	4,455,615	1.59	50,026,378
1927	806,397	1,865,868	2.31	21,915,225	†2,832,813	4,914,515	1.73	54,161,232
1926	748,473	1,850,392	2.47	25,889,781	†2,889,143	4,248,048	1.47	54,154,454
1925	550,645	1,397,462	2.54	19,306,047	†3,022,507	4,181,206	1.38	50,738,655
1924	381,258	1,067,717	2.80	12,252,536	3,545,856	5,615,238	1.58	61,283,373
1923	299,610	788,431	2.63	8,915,438	3,596,484	5,799,422	1.61	64,069,155
1922	221,326	629,135	2.84	7,439,403	3,575,662	5,568,459	1.56	66,964,036
1921	177,205	456,378	2.58	8,023,795	3,551,655	3,954,166	1.11	76,193,216
1920	162,820	399,581	2.45	10,172,434	3,533,740	4,459,094	1.26	109,036,159
1919	146,790	314,419	2.14	7,293,462	3,508,266	5,588,804	1.59	126,750,915
1918	144,010	328,971	2.28	6,579,420	3,470,036	4,596,854	1.32	83,344,591
1917	189,109	462,956	2.45	5,460,205	3,358,579	6,156,340	1.83	72,705,998
1916	177,565	460,788	2.60	4,822,622	3,294,419	6,739,259	2.05	71,503,879
1915	165,284	428,739	2.59	6,044,599	3,066,468	3,825,024	1.25	55,660,170
1914	163,685	372,759	2.28	5,195,667	3,251,799	3,469,795	1.07	50,721,713
1913	167,707	380,606	2.27	5,090,267	3,261,139	3,543,957	1.09	46,212,298
1912	189,959	460,201	2.42	5,542,772	3,177,410	4,760,512	1.50	55,906,657
1911					3,301,468	4,238,362	1.28	55,767,671
1910					3,204,021	5,492,653	1.71	54,407,105
1909					3,228,445	3,885,145	1.20	49,754,078
1908					3,253,141	4,635,287	1.42	47,696,579
1907					3,289,552	3,891,863	1.18	58,806,050
1906					3,069,917	4,684,625	1.53	42,630,087
1905					3,020,365	5,847,494	1.94	45,142,654
1904					2,926,207	5,259,189	1.80	41,915,736
1903					2,783,565	4,336,562	1.56	34,432,302
1902					2,646,202	4,955,438	1.87	40,386,820
1901					2,557,263	4,632,317	1.81	37,012,213
1900					2,526,566	3,133,045	1.24	26,568,222
1899					2,505,422	3,498,705	1.40	27,010,003
1898					2,453,503	4,399,063	1.79	27,362,172
1897					2,341,488	3,811,518	1.63	27,366,699
1896					2,426,711	2,260,240	.93	21,879,123
1895					2,537,674	1,849,914	.73	22,753,942
1894					2,576,943	3,575,200	1.39	27,028,512
1893					2,766,894	4,963,557	1.79	37,921,575
1892					2,515,367	4,384,838	1.74	35,955,672
1891					2,549,975	2,392,798	.94	28,498,224
1890					2,462,002	4,305,915	1.75	34,232,024
1889					2,386,223	3,728,313	1.56	37,208,564
1888					2,292,638	2,009,017	.88	33,570,674
1887					2,280,643	3,093,610	1.36	35,947,748
1886					2,295,151	2,994,446	1.35	29,016,182
1885					2,268,091	3,252,155	1.43	32,033,727
1884					2,193,369	3,044,912	1.39	29,109,359
1883					2,350,969	4,115,535	1.75	37,122,126
1882					1,825,890	2,090,626	1.14	24,125,824
Annual Averages								
1922–1931	550,962	1,330,618	2.42	16,116,800	3,141,888	4,946,462	1.57	54,824,511
1912–1921	168,413	406,540	2.41	6,422,524	3,347,351	4,709,381	1.41	74,803,560
1902–1911					*3,072.288	4,722,662	1.54	47,093,908
1892–1901					*2,520,783	3,650,840	1.45	29,085,813
1882–1891					*2,290,495	3,102,733	1.35	32,086,445
1882–1938	‡419,900	10,088,882	2.40	11,389,541	2,830,361	4,155,293	1.47	45,555,549

*Including Alfalfa †Exclusive of Alsike and Sweet Clover, previously included. ‡1912-38.

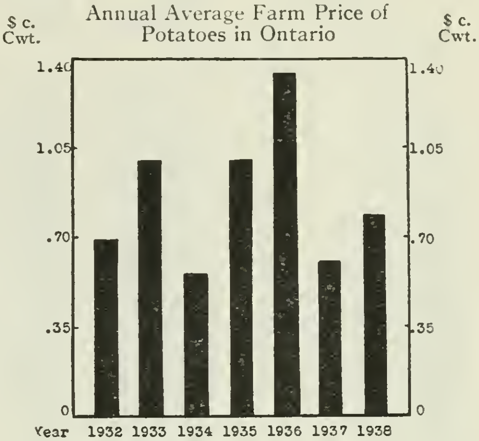
STATISTICS OF FARM CROPS

Field Crops

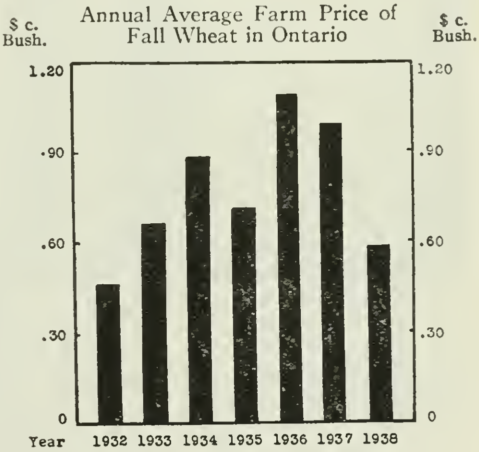
The following table gives the area, produce and market value and of all Field Crops for the years 1882 to 1938, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	All Field Crops		
	Acres	Value	Per acre
		$	$ c.
1938	9,088,014	126,158,324	13.88
1937	9,043,201	150,203,348	16.61
1936	9,119,007	162,333,522	17.80
1935	9,106,295	131,260,274	14.41
1934	8,999,999	143,755,962	15.97
1933	9,194,940	124,679,714	13.56
1932	9,225,680	114,150,521	12.37
1931	9,176,062	125,219,586	13.65
1930	10,009,097	173,498,548	17.33
1929	10,020,294	236,651,277	23.62
1928	10,357,960	244,445,136	23.60
1927	10,305,045	256,627,042	24.90
1926	10,434,401	257,686,886	24.70
1925	10,364,317	261,490,292	25.23
1924	10,264,614	264,370,642	25.76
1923	10,296,961	219,114,500	21.28
1922	10,258,613	223,342,150	21.77
1921	10,075,073	222,177,881	22.05
1920	10,108,272	367,608,619	36.37
1929	9,915,884	397,238,400	40.06
1918	9,992,825	363,909,778	36.42
1917	9,718,259	333,353,438	34.30
1916	9,548,876	223,748,948	23.43
1915	9,762,951	210,674,415	21.58
1914	9,621,444	199,152,945	20.70
1913	9,541,537	168,455,253	17.65
1912	9,574,474	185,790,341	19.40
1911	9,718,741	179,974,358	18.52
1910	9,725,684	175,115,742	18.01
1909	9,578,323	167,966,577	17.54
1908	9,621,683	164,077,282	17.05
1907	9,750,615	176,354,759	18.09
1906	8,962,925	144,570,075	16.13
1905	8,897,898	142,804,431	16.05
1904	8,673,525	134,304,690	15.48
1903	8,731,405	136,657,807	15.65
1902	8,677,988	146,421,171	16.87
1901	8,667,512	128,325,648	14.81
1900	8,794,953	114,758,761	13.05
1899	8,753,926	105,771,321	12.08
1898	8,835,272	110,528,947	12.51
1897	8,701,705	106,952,471	12.29
1896	8,511,444	88,900,135	10.44
1895	8,321,173	99,655,895	11.98
1894	8,227,153	94,055,392	11.43
1893	8,054,612	101,886,557	12.65
1892	8,080,206	110,562,493	13.68
1891	7,834,213	130,866,023	16.70
1890	7,912,297	114,382,305	14.46
1889	7,758,583	106,500,799	13.73
1888	7,616,350	124,244,503	16.31
1887	7,429,084	99,583,524	13.40
1886	7,403,281	104,001,865	14.05
1885	7,350,443	110,068,586	14.97
1884	7,203,958	120,615,798	16.74
1883	7,542,623	114,754,141	15.21
1882	7,125,223	136,939,533	19.22
Annual Averages:			
1922–1931	10,148,736	225,244,606	22.19
1912–1921	*9,785,960	*267,211,002	27.31
1902–1911	9,233,879	156,824,689	16.98
1892–1901	8,494,796	106,139,762	12.49
1882–1891	7,517,606	116,195,708	15.48
1882–1938	9,045,384	169,801,742	18.77

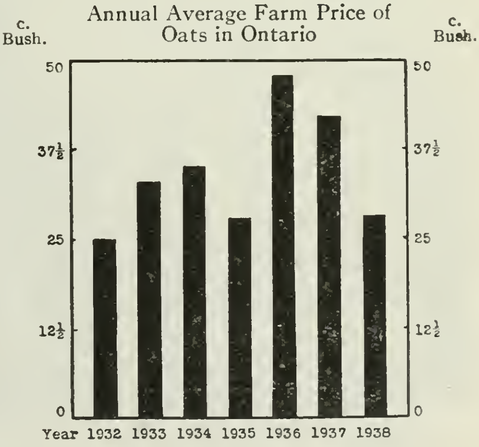
Annual Average Farm Price of Potatoes in Ontario



Annual Average Farm Price of Fall Wheat in Ontario



Annual Average Farm Price of Oats in Ontario



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*Including Flax, 1918–1921.

No statistics of "mixed grains" were taken previous to 1907, when an acreage of 443,100 was estimated.

STATISTICS OF FARM CROPS

The following table gives the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits, for the years 1909 to 1938. Strawberries and Vineyard for the years 1925–1938.

Years	Pasture (cleared)	Summer fallow	Orchard	Small fruits	Straw-berries	Vineyard
	acres	acres	acres	acres	acres	acres
1938	2,793,291	190.542	184,083	13,832	9,145	14,774
1937	2,782,811	208,486	185,473	13,509	8,691	15,311
1936	2,828,310	197,420	184,218	13,549	8,962	15,318
1935	2,831,416	189,883	186,112	13,380	8,861	14,871
1934	2,908,275	210,525	196,612	13,126	8,253	15,106
1933	2,995,468	215,126	197,246	13,547	8,565	15,328
1932	3,012,529	221,696	203,794	14,059	8,719	15,189
1931	3,039,026	221,174	203,231	14,206	8,012	15,793
1930	3,149,460	247,067	212,232	12,376	7,286	11,586
1929	3,134,614	247,802	214,370	12,367	7,613	11,255
1928	3,000,172	211,015	207,003	12,733	7,773	8,855
1927	3,012,786	212,906	211,225	13,437	7,836	7,905
1926	3,077,424	189,488	215,779	13,672	7,274	7,545
1925	3,193,941	162,649	223,343	14,147	7,185	6,558
1924	3,317,532	179,527	229,708	27,315	....	....
1923	3,472,642	186,123	235,349	27,497	....	....
1922	3,401,033	198,841	239,914	27,242	....	....
1921	3,401,998	260,277	242,921	26,175	....	....
1920	3,432,620	216,377	248,395	25,635	....	....
1919	3,499,802	276,337	257,006	25,244	....	....
1918	3,561,754	248,463	265,678	24,596	....	....
1917	3,509,945	232,679	280,326	21,964	....	....
1916	3,409,581	331,736	280,653	22,817	....	....
1915	3,350,420	226,217	288,825	23,443	....	....
1914	3,302,503	268,714	298,627	23,863	....	....
1913	3,120,146	268,487	306,764	24,360	....	....
1912	3,082,671	278,317	310,096	24,699	....	....
1911	3,116,768	279,220	303,188	25,360	....	....
1910	3,159,712	254,038	298,347	24,384	....	....
1909	3,180,780	231,707	300,364	24,614	....	....

1909–1924 Strawberries and Vineyard included in Small Fruits.

STATISTICS OF FARM CROPS

ALSIKE AND SWEET CLOVER

The following table gives the area, produce and market value of Alsike and Sweet Clover for the years 1925 to 1938.

Years	Alsike				Sweet Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				$				$
1938	95.405	130,834	1.37	779.778	233,594	496,328	2.12	2,451,863
1937	55,867	76,268	1.37	515,752	191,360	393,800	2.06	1,900,548
1936	78,570	102,277	1.30	711,660	309,407	598,902	1.94	2,977,973
1935	59,071	90,969	1.54	559,749	289,956	693,022	2.39	2,966,209
1934	67,386	73,503	1.09	844,704	284,224	502,960	1.77	4,728,875
1933	92,306	125,844	1.36	882,624	303,072	630,039	2.08	3,244,726
1932	95,113	143,668	1.51	918,106	318,552	705,119	2.21	3,701,809
1931	97,128	152,516	1.57	1,276,341	306,067	669,446	2.19	4,519,783
1930	141,480	206,020	1.46	2,010,571	338,234	704,281	2.08	5,363,894
1929	189,848	289,560	1.53	2,958,780	388,106	803,576	2.07	6,595,169
1928	155,867	235,325	1.51	2,457,119	413,468	924,608	2.24	7,067,707
1927	176,870	290,345	1.64	2,991,247	400,296	927,342	2.32	7,075,797
1926	129,477	179,664	1.39	2,217,556	365,102	810,852	2.22	7,222,221
1925	177,382	259,649	1.46	2,855,850	344,114	792,340	2.30	7,144,050

STATISTICS OF FARM CROPS

Ratios of Area under Crop

The following table shows the number of acres under the various crops per 1,000 acres of cleared land for the years 1882 to 1938, together with the annual averages for the various periods of ten years and for the whole term of years.

Year	Fall Wheat	Spring Wheat	Barley	Oats	Peas	Beans	Rye	Buckwheat	Corn	Potatoes	*Roots	Hay and Clover	Mixed Grains
1938	48.4	5.7	35.5	147.7	3.4	3.9	4.8	12.0	32.8	9.5	8.3	159.3	58.0
1937	46.9	6.1	36.3	147.8	3.8	3.7	4.9	12.7	31.5	9.8	8.3	161.5	58.1
1936	33.5	6.4	34.1	154.2	4.4	3.7	3.5	12.9	31.0	9.5	8.8	165.0	62.6
1935	36.5	6.5	34.4	156.2	4.5	3.7	3.9	12.3	32.4	9.8	9.1	166.2	60.9
1934	28.0	6.4	32.0	157.5	4.5	3.3	3.7	14.1	31.9	10.8	9.1	172.6	62.0
1933	36.8	6.4	30.4	152.4	3.9	3.4	3.6	13.6	27.8	10.4	8.7	182.3	62.3
1932	35.3	6.6	30.1	154.1	3.9	4.1	3.8	13.0	27.4	10.3	8.8	183.2	65.0
1931	34.6	6.5	28.8	153.5	3.9	5.0	4.1	11.8	25.6	11.1	9.2	188.3	66.7
1930	44.6	6.5	40.2	162.6	5.3	4.4	3.5	18.1	29.1	10.5	9.4	187.7	63.1
1929	45.6	7.0	41.0	154.0	5.2	4.2	3.4	19.4	26.9	9.8	9.3	192.2	58.9
1928	45.8	7.2	40.6	175.5	7.3	3.4	4.4	17.9	27.0	12.0	10.1	185.5	59.8
1927	49.6	7.9	34.0	177.7	7.0	3.1	4.8	16.5	28.4	10.6	9.5	187.1	52.8
1926	53.4	7.6	29.7	187.3	6.5	3.4	5.7	15.5	36.2	10.2	9.8	191.1	51.0
1925	49.5	7.5	28.9	187.9	8.8	4.0	6.5	17.1	38.5	10.8	9.8	234.7	45.1
1924	47.9	6.7	29.1	191.7	8.7	3.5	8.4	15.9	44.2	11.2	9.6	235.1	42.8
1923	47.6	7.4	30.1	197.1	7.8	2.7	8.2	15.3	46.2	10.9	8.3	238.9	43.1
1922	54.2	8.3	28.9	202.1	7.0	2.7	10.2	13.2	46.9	11.5	8.4	238.1	36.8
1921	41.4	10.2	30.8	206.1	7.1	1.8	8.2	9.9	45.9	10.9	8.8	236.5	41.2
1920	51.0	17.9	32.4	192.5	7.3	1.5	8.9	9.6	46.3	10.5	10.4	247.1	38.9
1919	41.6	24.2	38.2	179.5	8.5	1.5	9.4	12.0	41.7	10.6	9.9	245.3	42.2
1918	24.5	23.8	44.6	197.6	7.7	6.8	7.6	15.1	38.9	11.2	10.3	244.2	41.9
1917	39.8	12.4	37.4	187.6	6.1	7.5	9.0	10.4	52.3	10.0	11.4	240.9	35.0
1916	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
1912	52.6	8.5	44.8	180.1	15.3	4.8	7.4	14.3	47.0	11.0	12.8	233.1	31.0
1911	58.2	9.3	42.9	187.7	21.2	3.6	6.9	13.1	44.8	11.3	13.4	229.6	33.8
1910	51.9	9.0	43.7	192.5	28.2	3.5	6.6	13.6	45.2	11.8	14.5	223.7	34.8
1909	46.5	9.5	48.8	189.0	26.7	3.2	6.6	12.4	42.9	11.9	14.5	226.5	33.3
1908	48.1	10.1	51.9	196.3	28.1	3.3	6.2	9.9	37.7	11.8	14.9	230.2	32.3
1907	47.9	10.2	54.3	207.7	24.1	3.4	4.8	8.0	38.2	12.6	15.1	233.0	31.4
1906	55.8	12.2	53.6	192.6	29.1	3.6	5.7	7.5	33.3	9.7	14.7	217.6	.....
1905	57.2	13.6	55.5	191.5	26.9	3.6	7.3	7.3	34.4	9.5	15.1	216.8	.....
1904	43.8	16.3	55.9	192.2	24.6	3.7	9.5	7.3	37.9	9.7	15.3	211.9	.....
1903	48.8	18.2	52.0	193.4	29.9	3.9	13.1	7.0	43.2	10.2	16.4	204.0	.....
1902	55.2	22.3	48.8	184.3	39.2	4.0	13.9	6.9	42.9	10.7	16.3	195.0	.....
1901	67.8	26.6	47.4	179.3	44.9	4.0	11.8	6.6	38.8	11.5	16.1	190.3	.....
1900	80.4	28.3	43.4	180.4	49.8	3.3	10.7	7.7	38.4	12.3	16.7	190.0	.....
1899	80.1	30.4	37.4	180.3	56.7	3.1	10.5	10.1	38.6	12.8	16.6	191.1	.....
1898	80.7	30.0	33.8	182.9	66.6	3.4	12.7	11.5	40.1	13.1	16.4	188.8	.....
1897	73.9	25.2	35.1	189.3	69.8	3.9	14.6	11.8	42.3	13.2	15.7	182.2	.....
1896	69.2	20.2	36.5	191.4	65.5	5.4	11.7	11.5	39.2	14.1	15.4	191.5	.....
1895	59.8	18.0	38.5	191.0	64.4	5.8	9.7	10.9	36.4	14.9	16.0	204.2	.....
1894	63.4	18.7	39.6	190.6	63.9	4.8	7.3	11.8	30.8	13.6	15.2	209.6	.....
1893	75.5	29.4	38.6	159.9	61.0	4.0	5.6	11.0	25.9	11.8	13.9	228.4	.....
1892	80.6	54.3	41.7	155.3	64.6	2.8	6.1	10.4	22.8	12.2	13.4	209.8	.....
1891	72.0	43.3	46.9	156.0	63.8	3.5	5.7	9.1	20.4	13.6	13.4	216.1	.....
1890	61.8	51.6	60.2	161.5	67.0	3.4	8.8	7.7	19.2	13.6	12.7	211.2	.....
1889	71.6	34.7	76.3	167.6	61.7	1.9	7.9	4.9	16.3	12.7	12.5	208.0	.....
1888	73.2	32.5	79.2	163.6	61.6	2.0	7.4	5.1	19.7	13.6	12.9	202.8	.....
1887	80.8	43.6	69.1	151.5	65.4	1.9	6.2	5.8	14.7	12.6	11.9	205.3	.....
1886	81.0	52.8	67.3	148.3	64.4	1.9	6.2	6.5	14.3	12.8	11.5	209.8	.....
1885	80.6	73.6	55.1	142.2	59.5	2.3	7.2	5.7	15.5	14.7	11.7	208.9	.....
1884	80.5	67.2	65.2	138.0	53.2	2.3	9.6	6.7	16.3	15.7	12.4	204.3	.....
1883	104.1	55.6	71.8	134.6	51.5	2.5	17.8	6.4	20.3	15.8	12.0	223.1	.....
1882	116.8	57.7	83.4	136.4	55.1	1.9	18.2	4.9	20.3	15.8	10.3	179.5	.....
Annual Averages:													
1922–1931	47.3	7.3	33.1	178.9	6.7	3.6	5.9	16.1	34.9	10.9	9.3	207.8	52.0
1912–1921	44.5	13.4	38.4	189.9	9.1	4.0	9.0	12.9	46.6	10.0	11.0	237.5	35.6
1902–1911	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	†33.1
1892–1901	73.2	28.0	39.2	180.2	60.5	4.1	10.1	10.3	35.5	12.9	15.6	198.2	.....
1882–1891	81.6	50.9	67.2	150.4	60.5	2.4	9.4	6.2	17.7	14.0	12.2	207.1	.....
1882–1938	55.3	18.9	43.1	176.1	26.9	3.6	7.8	11.5	35.1	11.5	12.5	206.0	‡46.2

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*Mangels, turnips and sugar beets. †1907–1911. ‡1907–1938.

STATISTICS OF FARM CROPS

Market Prices

The following table gives the average Market Prices of Agricultural Products for the years 1882 to 1938, together with the annual averages for the various periods of ten years and for the whole term of years.

Years	Fall Wheat per bush.	Spring Wheat per bush.	Oats per bush.	Barley per bush.	Peas per bush.	Beans per bush.	Rye per bush.	Buckwheat per bush.	Corn (shelled) per bush.	Hay per ton	Potatoes per cwt.
	cents	cents	cents	cents	cents	$ c.	cents	cents	cents	$ c.	cents
1938..........	56.0	58.0	27.9	40.8	150.0	1.00	43.5	41.1	43.0	6.92	77.8
1937..........	103.9	102.4	42.1	58.5	156.0	1.07	78.0	59.6	60.5	7.14	60.4
1936..........	109.0	108.0	48.0	80.0	155.0	2.02	84.0	69.0	68.0	8.79	135.0
1935..........	71.0	73.0	28.0	40.0	95.0	1.45	40.0	40.0	45.0	7.08	100.0
1934..........	88.0	85.0	35.0	50.0	85.0	1.27	55.0	47.0	65.0	12.62	55.0
1933..........	66.0	67.0	33.0	41.0	80.0	.92	51.0	42.0	56.0	8.41	100.0
1932..........	46.0	45.0	25.0	36.0	65.0	.49	37.0	35.0	45.0	7.24	69.0
1931..........	51.6	50.9	25.0	36.5	62.6	.58	41.9	42.3	39.8	8.43	39.3
1930..........	66.3	65.5	29.7	35.9	104.8	1.44	48.5	51.7	69.3	10.42	99.5
1929..........	124.0	125.2	62.4	76.5	163.0	3.03	97.1	83.2	100.2	11.28	180.0
1928..........	122.0	119.2	55.5	74.2	152.8	3.83	95.2	81.5	102.2	11.23	93.0
1927..........	124.7	122.1	57.3	77.6	149.8	2.35	95.3	77.9	99.5	11.02	147.0
1926..........	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	80.3	12.75	188.2
1925..........	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	88.6	11.61	228.2
1924..........	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	105.3	10.91	89.2
1923..........	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	75.5	11.05	124.7
1922..........	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	69.9	12.03	85.0
1921..........	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	59.1	19.27	147.0
1920..........	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	99.6	24.25	165.3
1919..........	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	162.3	22.68	275.3
1918..........	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	157.4	18.13	165.5
1917..........	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	186.0	11.81	205.3
1916..........	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	111.5	10.60	216.8
1915..........	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	68.1	14.51	135.7
1914..........	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	68.6	14.55	73.3
1913..........	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	64.5	13.07	106.2
1912..........	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	55.8	11.77	106.2
1911..........	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	66.3	13.16	140.3
1910..........	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	56.0	9.91	82.0
1909..........	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	64.4	12.81	60.8
1908..........	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	60.0	10.25	79.8
1907..........	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	42.6	15.11	97.2
1906..........	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	56.4	9.10	89.7
1905..........	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	55.4	7.72	76.7
1904..........	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	56.1	7.97	84.5
1903..........	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	55.4	7.94	73.5
1902..........	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	60.9	8.15	94.3
1901..........	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	57.0	7.99	71.0
1900..........	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	47.6	8.48	43.5
1899..........	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	29.7	7.72	54.7
1898..........	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	30.2	6.22	73.5
1897..........	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	29.6	7.18	66.5
1896..........	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	29.4	9.68	43.5
1895..........	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	33.9	12.30	33.7
1894..........	55.0	55.5	30.8	40.5	53.6	1.10	44.2	39.2	39.2	7.56	59.0
1893..........	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	39.8	7.64	65.8
1892..........	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	39.5	8.20	84.0
1891..........	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	46.7	11.91	54.3
1890..........	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	45.8	7.95	74.0
1889..........	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	38.9	9.98	75.8
1888..........	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	44.0	16.17	52.8
1887..........	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	43.1	11.62	104.7
1886..........	73.6	72.5	32.0	51.3	52.6	.84	52.2	33.7	41.4	9.69	74.8
1885..........	81.5	80.6	31.5	55.2	58.0	.80	55.2	39.2	41.9	9.85	68.5
1884..........	80.5	81.4	33.1	53.6	64.4	1.18	59.7	40.0	67.5	9.56	66.7
1883..........	105.0	107.0	38.0	57.0	71.0	......	62.0	......	......	9.02	103.3
1882..........	101.0	106.0	43.0	65.0	74.0	1.97	64.0	40.0	60.0	11.54	106.7
Annual Averages											
1922–1931	110.6	108.5	47.1	64.2	139.3	2.23	83.2	73.3	81.6	11.08	121.0
1912–1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	93.5	15.88	150.2
1902–1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	57.3	9.97	85.7
1892–1901	67.8	67.5	27.9	38.5	53.5	.93	44.9	38.7	37.5	7.97	56.0
1882–1891	90.0	89.6	34.3	54.5	61.6	1.16	60.0	41.5	......	10.34	75.0
1882–1938	95.5	96.7	41.7	57.9	71.6	1.80	72.4	63.7	*63.4	10.96	95.9

*Average for 47 years, 1892-1938.

STATISTICS OF LIVE STOCK

Number of Live Stock on Hand

The following table gives the number of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the fifty-seven years, 1882–1938.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
1938	560,711	2,492,258	858,262	1,430,309	22,420,047
1937	557,845	2,453,081	874,769	1,457,886	22,536,141
1936	562,916	2,474,194	886,515	1,408,308	22,958,383
1935	562,877	2,469,231	945,738	1,225,310	22,961,834
1934	563,657	2,494,471	962,325	1,177,913	22,802,578
1933	567,093	2,522,180	1,000,872	1,257,870	22,991,456
1932	578,615	2,528,615	1,039,692	1,375,115	22,929,143
1931	578,157	2,509,205	1,044,355	1,359,176	23,736,125
1930	606,719	2,675,488	1,134,457	1,661,556	22,560,260
1929	606,505	2,671,594	1,130,395	1,681,263	22,045,091
1928	609,249	2,682,053	1,014,106	1,833,538	19,703,576
1927	617,136	2,709,954	956,267	1,883,177	19,048,045
1926	629,659	2,757,799	886,483	1,735,355	17,693,000
1925	644,138	2,809,373	868,526	1,678,595	17,778,581
1924	663,875	2,917,302	870,279	1,807,903	16,751,345
1923	673,371	2,838,087	907,673	1,734,734	15,203,384
1922	685,852	2,836,181	986,617	1,553,434	13,964,317
1921	694,237	2,890,113	1,081,828	1,563,807	11,458,206
1920	704,640	2,881,827	1,129,084	1,614,356	11,005,645
1919	719,569	2,927,191	1,101,740	1,695,487	11,705,809
1918	732,977	2,867,722	972,341	1,656,386	12,281,105
1917	765,873	2,827,609	956,986	1,664,639	13,606,292
1916	775,732	2,734,767	908,066	1,735,254	14,377,844
1915	779,131	2,674,746	908,095	1,769,295	14,273,091
1914	774,544	2,604,628	922,375	1,770,533	14,175,214
1913	751,726	2,628,845	996,155	1,618,734	13,511,383
1912	742,139	2,624,780	1,021,848	1,702,652	13,024,938
1911	737,916	2,593,205	1,040,245	1,744,983	12,942,293
1910	724,384	2,567,128	1,065,101	1,561,042	12,460,787
1909	728,308	2,668,584	1,130,667	1,551,187	12,086,580
1908	726,471	2,824,859	1,143,898	1,818,763	12,285,613
1907	725,666	2,926,236	1,106,083	2,049,666	13,428,076
1906	688,147	2,963,618	1,304,809	1,819,778	10,254,824
1905	672,781	2,889,503	1,324,153	1,906,460	9,738,493
1904	655,554	2,776,304	1,455,482	2,008,984	9,412,683
1903	639,581	2,674,261	1,642,627	1,977,386	9,683,573
1902	626,106	2,562,584	1,715,513	1,684,635	9,762,808
1901	620,343	2,507,620	1,761,799	1,491,885	9,745,236
1900	617,309	2,429,330	1,797,213	1,771,641	9,541,241
1899	615,524	2,318,355	1,772,604	1,971,070	9,344,024
1898	611,241	2,215,943	1,677,014	1,640,787	9,084,273
1897	813,670	2,182,326	1,690,350	1,284,963	8,435,341
1896:	624,749	2,181,958	1,849,348	1,269,631	7,734,167
1895	647,696	2,150,103	2,022,735	1,299,072	7,752,840
1894	674,777	2,099,301	2,015,805	1,142,133	7,552,662
1893	685,187	2,057,882	1,935,938	1,012,022	7,114,436
1892	688,814	2,029,140	1,850,473	996,974	7,078,973
1891	678,459	1,978,815	1,693,751	1,156,316	7,006,090
1890	659,636	1,894,712	1,339,695	1,140,559	6,854,864
1889	618,795	1,891,899	1,344,180	835,469	6,304,298
1888	596,218	1,928,638	1,349,044	819,079	6,164,114
1887	575,361	1,948,264	1,396,161	832,817	6,438,361
1886	569,649	2,018,173	1,610,949	860,125	6,968,915
1885	558,809	1,976,480	1,755,605	822,262	6,336,805
1884	535,953	1,925,670	1,890,733	916,158	6,237,606
1883	560,133	1,828,613	1,868,784	906,727	5,847,344
1882	503,604	1,586,312	1,915,303	850,226	5,352,120

VALUE OF LIVE STOCK ON HAND

The following table gives the value of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the fifty-seven years, 1882–1938, except for the ten years, 1882–1891, when farm live stock was valued in bulk.

Years	Horses	Cattle	Sheep	Swine	Poultry	Total
	$	$	$	$	$	$
1938..........	54,709,549	88,251,957	5,805,219	18,751,968	13,698,332	181,217,025
1937..........	57,286,273	93,360,874	6,088,540	15,462,386	13,989,813	186,187,886
1936..........	61,229,630	76,949,305	5,790,872	13,313,339	12,416,378	169,699,524
1935..........	57,946,376	72,031,320	5,488,972	12,348,955	11,987,918	159,803,541
1934..........	54,492,559	66,581,103	5,335,210	10,971,007	11,631,434	149,011,313
1933..........	49,889,016	69,379,352	5,533,134	8,732,796	12,036,762	145,571,060
1932..........	43,507,517	78,323,693	5,111,312	7,219,718	10,418,176	144,580,416
1931..........	50,528,572	91,834,417	6,652,107	11,987,324	10,729,925	171,732,345
1930..........	60,606,827	136,496,344	10,835,770	18,643,164	13,372,682	239,954,787
1929..........	66,603,793	150,480,760	12,457,554	20,430,803	13,473,814	263,446,724
1928..........	67,085,352	128,937,680	11,209,872	19,808,890	12,452,203	239,493,997
1927..........	66,724,527	117,162,152	10,433,761	24,159,535	12,333,645	231,145,720
1926..........	68,239,756	115,386,214	9,688,685	24,525,126	12,400,985	230,240,766
1925..........	69,787,791	115,844,069	9,576,722	24,424,238	13,527,454	233,160,274
1924..........	72,617,565	113,046,599	7,081,500	16,201,699	13,446,621	222,393,984
1923..........	74,542,351	109,467,066	6,597,087	19,018,668	12,401,083	222,026,255
1922..........	74,535,855	103,899,416	6,612,959	16,550,636	12,241,252	213,840,118
1921..........	75,680,750	103,861,565	8,207,564	19,205,488	11,168,318	218,123,685
1920..........	89,606,594	176,897,490	16,191,741	32,253,804	11,787,708	326,737,337
1919..........	92,823,683	184,041,594	18,128,240	33,263,051	11,351,364	339,607,932
1918..........	95,710,928	172,259,261	15,690,055	31,140,181	9,307,051	324,107,476
1917..........	99,439,558	150,309,828	9,946,030	21,464,366	8,517,195	289,676,977
1916..........	101,434,391	128,324,526	7,386,710	18,790,755	7,933,157	263,869,539
1915..........	107,982,037	115,363,336	6,403,907	17,562,726	7,670,326	254,982,332
1914..........	112,576,793	106,635,148	6,155,451	17,951,258	7,551,428	250,870,078
1913..........	113,240,047	95,759,022	6,242,672	15,393,192	6,956,952	237,591,885
1912..........	109,000,214	90,403,902	6,181,595	14,141,908	6,121,323	225,848,942
1911..........	103,373,206	84,634,962	6,213,021	14,593,917	5,905,318	214,720,424
1910..........	92,757,431	76,872,723	6,127,018	13,265,834	5,393,031	194,416,037
1909..........	87,682,689	75,247,197	6,262,493	11,144,135	4,411,386	184,747,900
1908..........	85,847,391	77,255,267	6,336,265	12,135,979	4,439,854	186,014,756
1907..........	85,041,144	79,485,780	5,928,325	14,174,502	4,854,381	189,484,132
1906..........	79,814,953	80,303,276	6,721,119	12,770,708	3,697,338	183,307,394
1905..........	73,911,177	76,764,482	6,191,774	12,280,667	3,335,660	172,483,760
1904..........	68,138,228	72,821,003	6,425,100	12,921,743	3,077,029	163,383,103
1903..........	61,811,456	69,289,924	7,228,498	13,023,743	2,973,646	154,327,267
1902..........	55,173,637	63,517,342	7,634,284	11,262,265	2,957,286	140,544,814
1901..........	50,038,465	59,527,119	7,772,793	9,298,712	2,859,172	129,496,261
1900..........	46,916,999	56,320,810	7,711,496	9,598,153	2,727,363	123,274,821
1899..........	42,713,557	52,938,500	7,315,729	10,180,338	2,658,321	115,806,445
1898..........	38,659,896	47,286,254	6,499,695	8,720,242	2,578,136	103,744,223
1897..........	36,111,805	42,683,557	6,003,194	6,533,210	2,318,038	93,649,804
1896..........	37,185,692	44,383,638	6,652,202	6,505,227	2,130,807	96,857,566
1895..........	40,283,754	46,708,017	7,708,442	7,101,211	2,156,623	103,958,047
1894..........	46,245,614	47,577,587	8,606,671	6,909,262	2,208,518	111,547,652
1893..........	50,527,472	47,718,025	9,016,118	6,622,129	2,187,158	116,070,902
1892..........	55,812,920	45,548,475	8,569,557	5,479,093	2,091,450	117,501,495
1891..........	....	....	....	....	....	108,721,076
1890..........	....	....	....	....	....	104,086,626
1889..........	....	....	....	....	....	105,731,288
1888..........	....	....	....	....	....	102,839,235
1887..........	....	....	....	....	....	104,406,655
1886..........	....	....	....	....	....	107,208,935
1885..........	....	....	....	....	....	100,690,086
1884..........	....	....	....	....	....	103,106,829
1883..........	....	....	....	....	....	100,082,365
1882..........	....	....	....	....	....	80,540,720

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS 1892 TO 1938

Years	Horses all Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
	$	$ c.	$ c.	$ c.	$ c.	$ c.
1938	98	46 75	28 39	6 76	13 11	61
1937	103	47 96	28 92	6 96	10 60	62
1936	109	43 40	19 86	6 53	9 45	54
1935	103	40 56	18 71	5 80	10 08	52
1934	97	36 94	17 53	5 54	9 31	51
1933	88	38 41	17 87	5 73	6 94	52
1932	75	43 42	20 18	4 92	5 25	45
1931	87	52 79	22 49	6 37	8 81	45
1930	100	73 11	32 42	9 55	11 22	59
1929	110	80 34	35 61	11 02	12 15	61
1928	110	68 33	30 09	11 05	10 80	63
1927	108	60 92	27 05	10 91	12 83	65
1926	108	59 14	26 84	10 93	14 13	70
1925	108	58 55	27 70	11 03	14 55	76
1924	109	55 41	27 05	8 14	8 96	80
1923	111	55 24	25 14	7 27	10 96	82
1922	109	52 68	24 25	6 70	10 65	88
1921	109	51 56	24 77	7 59	12 28	97
1920	127	85 84	44 67	14 34	19 98	1 07
1919	129	88 71	46 37	16 45	19 62	97
1918	131	83 55	45 52	16 14	18 80	76
1917	130	75 54	39 55	10 39	12 89	63
1916	131	66 35	34 91	8 13	10 83	55
1915	139	60 83	32 18	7 05	9 93	54
1914	145	57 01	30 81	6 67	10 14	53
1913	151	50 56	27 29	6 27	9 51	51
1912	147	47 82	25 61	6 05	8 31	47
1911	140	45 31	24 07	5 97	8 36	46
1910	128	40 76	22 43	5 75	8 50	43
1909	120	38 19	21 45	5 54	7 18	37
1908	118	36 90	21 13	5 54	6 67	36
1907	117	36 43	21 15	5 36	6 92	36
1906	116	35 99	21 62	5 15	7 02	36
1905	110	35 06	21 29	4 68	6 44	34
1904	104	34 70	20 84	4 41	6 43	33
1903	97	34 15	20 58	4 40	6 59	31
1902	88	32 96	19 46	4 45	6 69	30
1901	81	31 74	18 57	4 41	6 23	29
1900	76	31 01	17 93	4 29	5 42	29
1899	69	30 31	17 41	4 13	5 16	28
1898	63	28 28	15 98	3 88	5 31	28
1897	59	26 13	14 58	3 55	5 08	27
1896	60	27 60	15 05	3 60	5 12	28
1895	62	29 74	16 08	3 81	5 47	28
1894	69	31 02	17 15	4 27	6 05	29
1893	74	31 63	17 78	4 66	6 54	31
1892	81	29 95	17 69	4 63	5 50	30

THIRTY-SEVENTH ANNUAL REPORT

OF THE

Temiskaming and Northern Ontario Railway Commission

ONTARIO GOVERNMENT RAILWAY
HON. MITCHELL F. HEPBURN—Premier

FOR THE YEAR ENDING
March 31st, 1938

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 23, 1939

ONTARIO

TORONTO
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1939

To The Honourable Albert Matthews,

Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Thirty-Seventh Annual Report of the Temiskaming and Northern Ontario Railway Commission, for the year ending March 31st, 1938.

Respectfully submitted,

M. F. Hepburn,

Prime Minister and President of the Council.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

THE HONOURABLE MITCHELL F. HEPBURN.
Premier, Province of Ontario,
Toronto, Ontario.

SIR:

In conformity with Section 36 of the Temiskaming and Northern Ontario Railway Act, Chapter 55. Revised Statutes of Ontario, 1937, I have the honour of submitting the Thirty-Seventh Annual Report of the Temiskaming and Northern Ontario Railway, and its subsidiary the Nipissing Central Railway Company, for the fiscal year ended March 31st. 1938, together with the Auditors' Report as prepared by Messrs. Black. Hanson & Company, Chartered Accountants.

RESULT OF OPERATIONS

		Year Ended March 31, 1938	Year Ended March 31, 1937
	Operating Revenues	$ 5,236,627.02	$ 5,019,162.95
	Operating Expenses	3,444,819.44	3,030,011.68
	Net Operating Revenues	1,791,807.58	1,989,151.27
	Operating Ratio	65.77%	60.37%
	Non-operating Income	50,832.93	41,027.22
	Gross Income	1,842,640.51	2,030,178.49
(a)	Deductions from Gross Income	576,244.21	660,415.28
	To Profit and Loss Account	1,266,396.30	1,369,763.21
(b)	Adjustments—net debit	58,140.16	37,537.41
	Net Profit for year	1,208,256.14	1,332,225.80
	Previous surplus	1,422,130.19	89,904.39
	Surplus—end of year	2,630,386.33	1,422,130.19

Note (a).—Deductions from Gross Income includes Hire of Freight Cars debit balance, Joint Facility Rents, Interest, Amortization of Discount on Funded Debt.

Note (b).—Adjustments net debit includes amounts written off account Road and Equipment Retired, doubtful accounts, etc.

OPERATING REVENUES.

Gross Operating Revenues increased over previous year by $217,464.07, or about 4.3%. From the low point in 1933 of $3.238,224.60, revenues have increased progressively each year to present gross revenues of $5.236,627.02. These figures reflect the steadily increasing activity in the territory served.

During the year under review, freight revenues decreased slightly as compared with the previous year. Passenger revenues increased from $741,472.58 to $920,015.43 — or $178.542.85 — about 24%. Express. Telegraph and Telephone revenues were also higher than in the preceding year.

OPERATING EXPENSES.

Operating Expenses increased by $414,807.76, or about 13.7% as compared with the previous year.

NET PROFIT.

The Net Profit for the year, $1,208,256.14, shows a reduction of $123,969.66, when compared with the previous year.

There were three main contributing factors to this result, viz.,

(1) Increased wages, due to progressive restoration of percentage deductions from payrolls, formerly in effect on all Canadian Railways:

(2) At certain large centres throughout the country, free pick-up and delivery services were established, without any increase in rates charged shippers. The additional expense was borne by the participating Railways:

(3) During the latter portion of the year, southbound movement of forest products, pulpwood, paper, etc., declined sharply on account of less active business conditions in the United States. Northbound freight business continued at high levels, but on account of lighter southbound business, it became impossible to load southbound trains to full capacity.

FINANCIAL.

As in former years, the Railway paid interest on outstanding Bond Issue of $6,000,000, as well as interest on current loan. On April 1st, 1937, the current loan stood at $5,100,000. By March 31st, 1938, this was reduced to $4,425,000 — a reduction of $675,000. New equipment and other capital expenditures to a total of $396,469.17 were financed out of current revenues.

EQUIPMENT AND FACILITIES.

Two new steam locomotives, numbered 1102 and 1103, were delivered by contractors and placed in service during the year. Other improvements effected during the year include new telephone plant at Swastika; one new Tractor Power shovel; seven highway busses; and a number of smaller items.

PROSPECTIVE TRAFFIC.

The immediate outlook is for continuance of satisfactory passenger traffic, although the completion of the improvements to the highway which parallels the Railway to a large extent, will have a tendency to reduce rail traffic during the summer months. It is anticipated that northbound freight traffic will continue at a satisfactory level. Southbound freight traffic will not be available in satisfactory volume until conditions in the United States become more normal. but with the expected improvement in business conditions. forest products will again move freely to market.

GENERAL.

Business conditions generally throughout the territory served are very active, with the exception of the pulp and paper industry which continues at a low level. Mining activity continues unabated with every prospect of continued prosperity for many years to come.

Respectfully submitted,

M. Lang,
Chairman.

BLACK, HANSON & CO.
Chartered Accountants

Port Arthur, Ontario, July 19, 1938.

Malcolm Lang, Esq., Chairman,
Temiskaming and Northern Ontario Railway Commission,
North Bay, Ontario.

Dear Sir:

In accordance with our appointment, we have examined the books and records of the Temiskaming and Northern Ontario Railway and The Nipissing Central Railway for the year ended 31st March, 1938, and we now submit Balance Sheets of the two Railways as at that date.

The terms of our appointment did not make provision for a fully detailed audit and the work which we have done, therefore, consisted to a major extent of tests of various portions of the records for limited periods.

We submit the following explanatory report on the various items appearing on the Balance Sheets.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

INVESTMENT

The Cost of Road, $33,876,151.50, includes all expenditures on right of way, track and roadbed, shop machinery, tools, real estate and buildings. No provision has been made for depreciation of any of the assets included in this caption. The increase in value during the year amounting to $105,946.71 consists of:

Expenditure on Additions to Road—Stations, Machinery, Telegraph and Telephone Lines, etc.		$189,588.64
Less Road and Machinery retired and written off	$ 81,641.93	
Payments received on account of Sale Price of James Bay Inn	2,000.00	
		83,641.93
Net Increase		$105,946.71

The James Bay Inn was sold in August, 1937, to R. R. Cockburn at a price of $10,000.00, payable $1,000.00 on the execution of the Agreement of Sale and $1,000.00 on the first day of October in the years 1937 to 1945, inclusive, with interest at 6% per annum. The first two instalments, aggregating $2,000.00, have been collected and credited to Cost of Road as shown in the foregoing statement. The cost of the Inn, according to the Construction Records, was $56,000.00, and this amount, less the credit of $2,000.00 mentioned above, is still included in the Cost of Road. The balance of $8,000.00 owing on the Agreement of Sale has not been set up on the books and we are informed that an entry to write off the loss of $46,000.00 on the sale of the Inn has been delayed pending collection of the balance of the Sale Price.

Railway Equipment, $6,478,352.88, represents the cost of Rolling Stock and shows an increase of $290,522.46 which consists of:

Expenditures on New Equipment		
Locomotives		$269,837.65
Motor Busses		48,356.12
Passenger Car Heat Connectors		134.69
		$318,328.46
Less Equipment Written Off		
Locomotive Sold—Selling Price $10,500.00—Cost	$ 25,979.44	
Freight Cars Retired	1,826.56	
		27,806.00
Net Increase		$290,522.46

We understand that the account still includes some disused and obsolete equipment. With the exception of the locomotives purchased in 1937, depreciation was provided on the railway equipment during the year under review at the rate of 2% per annum and on Motor Busses at the rate of 2½% per month.

Restaurant and News Equipment is carried on the books at a value of $13,813.92 and the provision for Depreciation of this asset amounts to $9,958.10.

The Investment in Affiliated Companies consists of Advances made to the Nipissing Central Railway at and since the date of the purchase of the railway in 1911. The account is the same as at the end of the previous year and, with reference to its realizabilty, we refer you to the annexed Balance Sheet of the debtor company.

CURRENT ASSETS

The Cash, amounting to $47,249.21, consisted of:

Cash on Deposit at Bank of Nova Scotia, North Bay	$ 69,343.05
Deduct Outstanding Cheques	22,093.84
	$ 47,249.21

We obtained certificates in confirmation of the Bank Balance at 31st March.

We have examined the Accounts Receivable and Traffic Balances and we find that they include accounts owing by The Nipissing Central Railway aggregating $198,206.93. The Balance Sheet of The Nipissing Central Railway shows a Liquid Deficit of $135,000.00 which indicates that a substantial loss may be expected on this account eventually unless the future earnings are sufficient to repair the Deficit. The Accounts Receivable include a number of other balances which are considered doubtful but no material losses are anticipated.

An examination of the balances due on Townsite Sales totalling $4,360.79 indicates that collections have been slow and that, in most instances, the balances are doubtful.

The Agents' and Conductors' balances aggregating $108,254.84 consist chiefly of accounts owing by agents of the railway for tickets, freight and telegraph and telephone charges. We examined a number of the accounts carried in the Head Office books and they appeared to be current. Periodical inspections of agents' books are made at the various stations by the Audit Department and the reports which we examined indicated that the accounts were found to be in order.

We obtained a certificate signed by the Internal Auditor and the Storekeeper stating that the Inventory of Material and Supplies had been compiled from book figures, that it was priced at laid down cost and that it included no obsolete material. The last physical inventory previous to this Balance Sheet was taken on August 31, 1937. We examined the summaries of stores prepared by the Storekeeper at 31st March, scrutinized the adjustments which had been made and ascertained that the balances of the various stock accounts kept by the Storekeeper were in agreement with those in the General Ledger, but we did not verify the quantities on hand nor the pricing of the inventory.

Ballast Pit Sidings, $63,694.10, represents the cost of rails and ties used in the construction of sidings to gravel pits. The value of the asset is adjusted from time to time as the sidings are dismantled and the rails and ties returned to stock or transferred to other uses.

DEFERRED ASSETS

The Investments and Bank Accounts of the Pension Fund and Fire Insurance Fund are carried at the Bank of Nova Scotia in the joint custody of the Treasurer and Assistant Treasurer. We have checked the transactions in both funds, examined the securities and obtained certificates in confirmation of the Bank Balances.

The Pension Fund, as the name indicates, was established for the purpose of providing pensions for superannuated employees. Contributions to the fund have been made voluntarily by the Commission with no provision for assessments on employees. Previous to January 1, 1937, there was no established policy as to the amounts of the contributions but since that date the Commission has contributed 2% of the total payroll. The following is a statement of the fund for the year:

Pension Fund at 31st March, 1937		$233,730.92
Add Appropriations by the Commission		48,786.41
Earnings on Investments		10,549.78
Profit on Sale of Investments		566.70
		$293,633.81
Deduct Pensions Paid	$ 23,696.52	
Rent of Safety Deposit Box	20.00	
		23,716.52
Pension Fund at 31st March, 1938		$269,917.29

The Fund is invested as follows, the securities maturing at various dates in the years 1943 to 1970, inclusive:

	Par Value	Cost and Book Value
Temiskaming and Northern Ontario Railway	$117,000.00	$107,840.85
Province of Ontario	95,000.00	90,205.75
Canadian Northern Railway	33,500.00	26,600.00
Canadian National Railways	5,000.00	4,762.50
Hydro-Electric Power Commission of Ontario	8,000.00	7,877.50
Dominion of Canada	15,000.00	14,737.50
	$273,500.00	$252,024.10
Cash in Bank		17,893.19
		$269,917.29

Fire Insurance Fund $49,001.08. Previous to February 1, 1938, the Commission had in force a Fire Insurance Contract which stipulated that the risk of approximately $3,250,000.00 was to be assumed in equal proportions by the Underwriters and the Insurance Fund of the Commission. Upon the expiry of the Contract on the date mentioned, the Commission assumed the entire risk.

From December 1, 1934, until the expiry of the Contract, the Commission appropriated $1,500.00 monthly for insurance and the balance of this appropriation, after providing for the payment of premiums was transferred to the Insurance Fund. We understand that, commencing February 1, 1938, the appropriation will be increased to $20,000.00 per year.

The balance of $49,001.08 in the Fund at 31st March, 1938, is made up as follows:

Fire Insurance Fund at 31st March, 1937		$ 33,825.76
Appropriations during the year		16,901.24
Earnings on Investments		1,328.73
		$ 52,055.73
Deduct Cost of Insurance Permiums	$ 2,674.16	
Fire Losses	380.49	
		3,054.65
Balance at 31st March, 1938		$ 49,001.08

The Fund is invested as follows, the securities maturing at various dates from 1951 to 1970, inclusive:

	Par Value	Cost and Book Value
Temiskaming and Northern Ontario Railway	$ 15,000.00	$ 15,815.00
Hydro-Electric Power Commission of Ontario	7,000.00	7,052.50
Province of Ontario	19,000.00	18,938.75
	$ 41,000.00	$ 41,806.25
Cash in Bank		7,194.83
		$ 49,001.08

It will be observed that the investments of both the Pension Fund and the Insurance Fund are carried at cost and that the annual adjustments of discounts and premiums have not been made.

UNADJUSTED DEBITS

The Accounts in Suspense shown under this heading include the expenditures to March 31, 1938, on the reconstruction of a subway at Swastika amounting to $25,672.81. The reconstruction was undertaken for the purpose of increasing the heighth of the subway for highway traffic and the cost of the work is to be borne by the Department of Highways.

LIABILITIES

PROVINCE OF ONTARIO LOAN

The position of the Loan from the Province of Ontario was unchanged during the year under review. In accordance with an Order-in-Council dated April 22nd, 1936, the Loan does not bear interest.

LONG TERM DEBT

The Long Term Debt consists of a Debenture Issue of $6,000,000.00 dated February 1, 1928, guaranteed by the Province of Ontario and bearing interest at the rate of 4% per annum. The first payment of principal, amounting to $107,000.00, falls due on February 1, 1939, and thereafter the principal is payable annually in increasing instalments until the final date of maturity, February 1, 1968.

CURRENT LIABILITIES

We obtained written confirmation of the Demand Loan of $4,425,000.00 payable to the Bank of Nova Scotia. The Loan bears interest at the rate of 2½% per annum which has been paid to March 31, 1938.

We examined the balances making up the other items under the heading of Current Liabilities and found them to be in agreement with the books. We also examined the Accounts Payable Register and Invoices for the month of April and found no vouchers of any consequence applicable to the period covered by the attached statements which had not been recorded.

We consider that the items under the headings of Deferred Liabilities and Unadjusted Credits are clearly indicated by their titles and do not require further explanation.

OPERATING ACCOUNT

The operation of the railway for the year resulted in a profit of $1,266,396.30. In view of the comprehensive Operating Statements which have already been submitted to you by the Accounting Department, we do not believe that any good purpose would be served by the submission at this time of detailed statements or other particulars. We found that various items of Earnings relative to the year under review were not entered on the books until the following year. In explanation of this fact, we were informed that this was the customary procedure with these items at each year end and that the omissions from this year's earnings, which we have referred to, were offset by the inclusion of similar items carried over from the previous year.

THE NIPISSING CENTRAL RAILWAY

BALANCE SHEET

No rolling stock is owned by The Nipissing Central Railway and the entire Capital Investment consists of Cost of Road which includes right of way, track and roadbed, real estate, buildings, etc. The increase of $28,662.12 in the value of the Cost of Road during the year consists of:

Expenditures on extensions and improvements	$ 30,419.52
Less Assets retired and written off	1,757.40
	$ 28,662.12

The comments in our report on the Temiskaming and Northern Ontario Railway in explanation of the Current Assets and Liabilities and with regard to the verification thereof apply as well to this Railway.

The Advances from the Temiskaming and Northern Ontario Railway amounted to $4,762,743.43 at March 31, 1938, and consisted of:

Advances made to cover purchase price of Nipissing Central Railway in 1911	$ 235,483.81
Advances since date of purchase, less repayments	4,527,259.62
	$ 4,762,743.43

The Liability for this amount on the Balance Sheet of The Nipissing Central Railway consists of:

Capital Stock (held by Temiskaming and Northern Ontario Railway Commission)	$ 159,000.00
Temiskaming and Northern Ontario Railway—Advance	4,603,743.43
	$4,762,743.43

Subject to the qualifications contained in the foregoing Report, in our opinion, the attached Balance Sheets set forth correctly the positions of the affairs of the Railways according to the books and the information furnished us.

Yours faithfully,

BLACK, HANSON & CO.,
Per (Sgd.) F. H. Black, F. C. A.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

BALANCE SHEET AS AT 31st MARCH, 1938

Assets

Investment:		
Road	$33,876,151.50	
Railway Equipment	6,478,352.88	
Restaurant and News Equipment	13,813.92	
		$40,368,318.30
Investment in Affiliated Companies:		
Nipissing Central Railway—Advance	$ 4,762,743.43	
Less Reserve	706,764.04	
		4,055,979.39
		$44,424,297.69
Current Assets:		
Cash	$ 47,249.21	
Accounts Receivable	200,258.13	
Traffic Balances	196,539.28	
Balances due on Townsite Sales	4,360.79	
Agents and Conductors	108,254.84	
Material and Supplies	612,585.28	
Ballast Pit Sidings	63,694.10	
Other Assets	295.06	
		1,233,236.69
Deferred Assets:		
Pension Fund Investments	$ 269,917.29	
Fire Insurance Fund Investments	49,001.08	
		318,918.37
Unadjusted Debits:		
Insurance Premiums Prepaid	$ 306.85	
Advances to Treasurer and Paymaster	888.52	
Accounts in Suspense	27,510.34	
		28,705.71
		$46,005,158.46

Liabilities

Province of Ontario:		
Loan without Interest		$30,207,934.92
Long Term Debt:		
Debenture Debt—Payable in instalments in the years 1939 to 1968, inclusive—Interest 4% per annum		6,000,000.00
		$36,207,934.92
Current Liabilities:		
Bank of Nova Scotia—Demand Loan	$ 4,425,000.00	
Audited Accounts and Wages	370,739.82	
Traffic Balances	24,158.16	
Debenture Interest—Due and Accrued	44,100.00	
Deposit on Sidings	18.47	
		4,864,016.45
Deferred Liabilities:		
Pension Fund Reserve	$ 269,917.29	
Fire Insurance Reserve	49,001.08	
		318,918.37
Unadjusted Credits:		
Railway Equipment Depreciation Reserve	$ 1,968,908.07	
Restaurant and News Equipment—Depreciation Reserve	9,958.10	
Fidelity Insurance Reserve	3,750.00	
Accounts in Suspense	1,286.22	
		1,983,902.39
Surplus		2,630,386.33
		$46,005,158.46

SURPLUS ACCOUNT

Dr.	
Retired Road and Equipment Written Off, after deducting salvage	$ 59,988.30
Bad Debts	22.59
	$ 60,010.89
Balance of Surplus at 31st March, 1938	2,630,386.33
	$ 2,690,397.22

	Cr.
Balance at 31st March, 1937	$ 1,422,130.19
Profit from Operating for year ended 31st March, 1938	1,266,396.30
Townsite Sales	1,200.59
Unclaimed Wages	670.14
	$ 2,690,397.22

NIPISSING CENTRAL RAILWAY COMPANY
BALANCE SHEET AS AT 31st MARCH, 1938

Assets			Liabilities		
Investment:					
Cost of Road		$ 4,191,321.44	Capital Stock		$ 159,000.00
			Temiskaming and Northern Ontario Railway —		
Current Assets:			Advance		4,603,743.43
Cash	$ 83,051.60				
Accounts Receivable	3,046.68				$ 4,762,743.43
Agents and Conductors	40,395.14		Current Liabilities:		
Ballast Pit Sidings	9,764.35		Audited Accounts	$ 181,674.81	
		136,257.77	Traffic Balances	89,583.02	
					271,257.83
		$ 4,327,579.21			
Deficit		706,422.05			
		$ 5,034,001.26			$ 5,034,001.26

DEFICIT ACCOUNT

Dr.		Cr.	
Deficit at 31st March, 1937	$ 705,520.60	Profit from Operating for year ended 31st March, 1938	$ 2,388.54
Retired Road and Equipment Written Off after deducting salvage	3,289.99	Deficit at 31st March, 1938	706,422.05
	$ 708,810.59		$ 708,810.59

COMPARATIVE INCOME STATEMENT
April 1, 1936, to March 31, 1938

Operating Income	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Railway Operating Revenues	$ 5,236,627.02	$ 5,019,162.95
Railway Operating Expenses	3,444,819.44	3,030,011.68
Net Operating Revenue	$ 1,791,807.58	$ 1,989,151.27
Non Operating Income		
Hire of Freight Cars—Credit Balance	....	....
Rent from All Other Equipment	26,427.10	15,105.18
Joint Facility Rent Income	24,253.83	25,807.04
Miscellaneous Income	152.00	115.00
Total Non Operating Income	$ 50,832.93	$ 41,027.22
Gross Income	$ 1,842,640.51	$ 2,030,178.49
Deductions from Gross Income		
Hire of Freight Cars—Debit Balance	$ 187,049.34	$ 165,447.87
Rent for All Other Equipment	....	....
Joint Facility Rents	3,648.50	3,384.00
Interest on Funded Debt	240,000.00	240,000.00
Interest on Unfunded Debt	122,574.01	225.444.80
Amortization of Discount on Funded Debt	19,240.50	23,088.60
Ore Royalties	3,731,86	3,050.01
Total Deductions from Gross Income	$ 576,244.21	$ 660,415.28
Net Income carried to Profit and Loss	$ 1.266,396.30	$ 1.369.763.21

RAILWAY OPERATING REVENUES

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Freight	$ 3,598,421.55	$ 3,626,347.80
Passenger	920,015.43	741,472.58
Excess Baggage	9,944.10	6.125.60
Parlor and Chair Car	1.091.40	1.391.15
Mail	63,483.06	53,858.92
Express	143,587.61	125.825.88
Milk	6.418.20	9,285.29
Switching	15,875.73	15,563.73
Special Service Train	887.40	2,101.01
Dining and Buffet	30,590.55	35,904.45
Hotel and Restaurant	48,513.49	48,127.43
Station, Train and Boat Privileges	691.73	522.80
Storage—Freight	1,080.90	1,007.79
Storage—Baggage	412.30	414.75
Demurrage	7,656.87	5,304.10
Telegraph	109,974.01	108,027.97
Telephone	221,663.51	202,430.89
Bus	25,643.49	6.936.03
Rents of Buildings and Other Property	24,684.09	24,309.33
Miscellaneous	6,133.45	4.316.38
Joint Facility—Dr.	141.85	110.93
	$ 5,236,627.02	$ 5,019,162.95

SUMMARY RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures	$ 708,492.98	$ 651,894.35
Maintenance of Equipment	696,245.78	606,546.14
Traffic	22,611.77	20,305,74
Transportation	1,583,390.11	1,394,948.69
Miscellaneous Operations	269,617.56	224,668.95
General	164.461.24	131,647.81
	$ 3,444,819.44	$ 3,030,011.68

MAINTENANCE OF WAY AND STRUCTURES

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Superintendence	$ 29,688.34	$ 26,894.47
Roadway Maintenance	100,894.40	95,153.09
Bridges, Trestles and Culverts	8,676.07	10,852.84
Ties	99,357.71	87,895.34
Rails	75,114.60	39,268.68
Other Track Material	35,235.90	18,334.72
Ballast	28.81	6,467.35
Tracklaying and Surfacing	197,158.40	175,352.98
Right-of-Way Fences	4,138.65	3,075.17
Snow and Sand Fences and Snowsheds	....	126.83
Crossings and Signs	1,549.78	2,254.62
Station and Office Buildings	28,615.84	43,227.77
Roadway Buildings	5,063.58	6,165.30
Water Stations	8,561.91	21,142.15
Fuel Stations	3,310.06	2,465.68
Shops and Enginehouses	17,910.71	24,647.82
Telegraph and Telephone Lines	11,062.73	13,568.46
Signals and Interlockers	26,39	62.08
Power Plant Buildings	1,286.85	492.93
Power Transmission Systems	506.51	503.66
Power Distribution Systems	102.62	23.80
Miscellaneous Structures	2.65	2.77
Roadway Machines	4,922.00	6,739.86
Small Tools and Supplies	10,371.64	10,078.00
Removing Snow, Ice and Sand	65,141.03	56,341.90
Assessments for Public Improvements	62.09	62.39
Injuries to Persons	6,290.51	6,565.73
Insurance	6,543.32	7,122.53
Stationery and Printing	1,728.31	1,388.60
Other Expenses	328.04	978.35
Maintaining Joint Tracks, Yards and Other Facilities—Dr.	1,353.50	1,048.00
Maintaining Joint Tracks, Yards and Other Facilities—Cr.	16,539.97	16,409.52
	$ 708,492.98	$ 651,894.35

MAINTENANCE OF EQUIPMENT

Superintendence	$ 28,104.42	$ 26,905.05
Shop Machinery	12,589.43	18,267.04
Power Plant Machinery	3,781.61	2,885.82
Steam Locomotives—Repairs	262,454.88	223,581.90
Steam Locomotives—Depreciation	55,273.40	50,089.76
Freight Train Cars—Repairs	112,814.43	107,868.48
Freight Train Cars—Depreciation	20,454.46	20,437.46
Passenger Train Cars—Repairs	132,071.21	99,218.67
Passenger Train Cars—Depreciation	33,422.73	23,373.33
Motor Equipment of Cars—Repairs	1,538.83	1,054.06
Work Equipment—Repairs	21,922.80	18,729.18
Work Equipment—Depreciation	9,634.71	9,685.12
Injuries to Persons	1,811.57	2,189.93
Insurance	7,488.07	7,982.62
Stationery and Printing	1,662.66	1,924.19
Other Expenses	....	624.21
Maintaining Joint Equipment at Terminals—Cr.	8,779.43	8,270.68
	$ 696,245.78	$ 606,546.14

TRAFFIC

Superintendence	$ 16,824.12	$ 15,689.33
Advertising	2,660.14	898.74
Traffic Associations	622.74	592.99
Industrial and Immigration Bureaus	18.25	22.48
Stationery and Printing	2,486.52	3,102.20
	$ 22,611.77	$ 20,305.74

TRANSPORTATION

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Superintendence	$ 41,492.33	$ 40,805.57
Despatching Trains	19,548.33	18,480.54
Station Employees	251,383.27	230,221.51
Weighing, Inspection and Demurrage Bureaus	762.52	733.53
Station Supplies and Expenses	27,280.53	28,285.31
Yardmasters and Yard Clerks	37,039.75	35,266.57
Yard Conductors and Brakemen	53,985.40	47,943.30
Yard Switch and Signal Tenders	2,010.70	1,850.93
Yard Enginemen	34,857.53	32,359.45
Fuel for Yard Locomotives	51,074.37	47,593.44
Water for Yard Locomotives	2,300.47	2,060.47
Lubricants for Yard Locomotives	341.26	327.26
Other Supplies for Yard Locomotives	347.38	269.21
Enginehouse Expenses—Yard	25,129.05	24,215.86
Yard Supplies and Expenses	1,465.79	1,586.51
Operating Joint Yards and Terminals—Dr.	2,295.00	2,295.00
Operating Joint Yards and Terminals—Cr.	89,058.78	84,073.56
Train Enginemen	209,877.40	171,483.14
Fuel for Train Locomotives	461,840.69	409,182.52
Water for Train Locomotives	22,336.98	20,556.42
Lubricants for Train Locomotives	9,093.72	8,354,82
Other Supplies for Train Locomotives	3,795.42	2,558.67
Enginehouse Expenses—Train	68,455.13	60,394.68
Trainmen	219,399.41	186,168.57
Train Supplies and Expenses	80,470.62	66,816.72
Crossing Protection	1,313.97	1,245.61
Stationery and Printing	20,323.20	16,407.93
Other Expenses	115.00	344.09
Insurance	2,242.00	2,397.98
Clearing Wrecks	4,558.52	1,775.06
Damage to Property	22.41	79.89
Damage to Live Stock on Right-of-Way	176.87	55.61
Loss and Damage—Freight	7,375.19	3,944.43
Loss and Damage—Baggage	....	17.15
Injuries to Persons	9,738.68	12,944.50
	$ 1,583,390.11	$ 1,394,948.69

MISCELLANEOUS OPERATIONS

Dining and Buffet Service	$ 40,721.24	$ 33,463.45
Hotels and Restaurants	39,562.25	41,159.51
Commercial Telegraph—Maintenance	19,815.77	16,211.49
Commercial Telegraph—Operation	40,043.67	36,915.67
Commercial Telephone—Maintenance	24,841.41	17,801.51
Commercial Telephone—Operation	77,936.61	68,852.29
Bus Expenses	26,696.61	10,265.03
	$ 269,617.56	$ 224,668.95

GENERAL

Salaries and Expenses of General Officers	$ 40,365.86	$ 34,922.89
Salaries and Expenses of Clerks and Attendants	64,699.75	59,683.99
General Office Supplies and Expenses	3,853.84	2,684.76
Law Expenses	4,434.87	4,191.41
Insurance	23.06	64.03
Pensions	44,621.90	25,495.84
Stationery and Printing	5,285.68	3,580.55
Other Expenses	1,663.98	1,515.53
General Joint Facilities—Cr.	487.70	491.19
	$ 164,461.24	$ 131,647.81

TRAFFIC AND MILEAGE STATISTICS

Passenger Traffic

Total Passengers carried earning revenue		466,648
Number of passengers carried one mile		37,952,365
Number of passengers carried one mile per mile of road		73,738
Average distance carried—miles		81.33
Total passenger revenue	$	920,015.43
Average amount received from each passenger	$	1.97
Average receipts per passengers per mile (cents)		2.42
Total passenger train service revenue	$	1,144,539.80
Passenger service train revenue per mile of road	$	2,223.75
Passenger service train revenue per train mile	$	1.96

Freight Traffic

Number of tons carried earning revenue		1,362,427
Number of tons carried earning revenue one mile		266,480,399
Number of tons carried earning revenue one mile per mile of road		517,749
Average distance haul of one ton—miles		195.6
Total freight Revenue	$	3,598,421.55
Average amount received for each ton	$	2.64
Average amount received per ton per mile (cents)		1.35
Freight revenue per mile of road	$	6,991.43
Freight revenue per train mile	$	5.85

Total Traffic

Operating revenue	$	5,236,627.02
Operating revenue per mile of road		10,174.33
Operating revenue per train mile		4.36
Operating expenses		3,444,819.44
Operating expenses per mile of road		6,693.00
Operating expenses per train mile		2,87
Net operating revenue		1,791,807.58
Net operating revenue per mile of road		3,481.33

Car Mileage

Average number of passengers carried one mile per car mile	10.1
Average number of passengers carried one mile per train mile	64.9
Average number of passenger cars per train mile	6.4
Mileage of passenger cars	3,772,541
Mileage of loaded freight cars	12,897,909
Mileage of empty freight cars	4,801.923
Average number of freight cars per train mile	29.8
Average number of loaded freight cars per train mile	21.
Average number of empty freight cars per train mile	7.8
Average number of tons of freight per train mile	433.3
Average number of tons of freight per loaded car mile	20.7
Average miles operated during the year	514.69

Train Mileage

Mileage of revenue passenger trains	584,993
Mileage of revenue freight trains	615,010
Total revenue train mileage	1,200,003

FREIGHT TRAFFIC

Railway's Material Excluded—April 1, 1937, to March 31, 1938

COMMODITY

Products of Agriculture:	Whole Tons
Wheat	86
Corn	56
Oats	1.791
Barley	87
Flour	2.479

Other Mill Products	18,746
Hay and Straw	7,830
Apples (fresh)	2,175
Other Fruit (fresh)	4,656
Potatoes	5,774
Other Fresh Vegetables	8,108
Other Agricultural Products	104
Products of Animals:	
Horses	1,251
Cattle and Calves	1,163
Sheep	69
Hogs	56
Dressed Meats (fresh)	6,052
Other Packing House Products (edible)	5,023
Poultry	10
Eggs	228
Butter	360
Hides and Leather	6
Other Animal Products (non-edible)	12
Products of Mines:	
Anthracite Coal	24,749
Bituminous Coal	149,237
Coke	2,291
Iron Ores	1,324
Other Ores and Concentrates	21,615
Sand and Gravel	5,088
Stone (crushed, ground, broken)	7,928
Asphalt (Natural, By-Product Petroleum)	2,262
Salt	1,710
Products of Forests:	
Logs, Posts, Poles, Piling	15,674
Cordwood and Other Firewood	5,271
Ties	335
Pulpwood	122,109
Lumber, Timber, Box, Crate and Cooperage Material	134,182
Other Forest Products	43
Manufactures and Miscellaneous:	
Gasolene	33,904
Petroleum Oils and Petroleum Products (except asphalt and gasolene)	13,586
Sugar	5,498
Iron, Pig and Bloom	210
Rails and Fastenings	3,058
Iron and Steel (Bar, Sheet, Structural, Pipe)	20,022
Castings, Machinery and Boilers	20,771
Cement	24,783
Brick and Artificial Stone	14,314
Lime and Plaster	27,182
Sewer Pipe and Drain Tile	1,832
Agricultural Implements and Vehicles Other than Autos	924
Automobiles, Auto Trucks and Auto Parts	2,799
Household and Settlers' Effects	611
Furniture	616
Beverages	18,937
Fertilizers, All Kinds	122
Newsprint Paper	341,140
Other Paper	81
Paper Board, Pulpboard and Wallboard (paper)	185
Woodpulp	97,006
Fish (fresh, frozen, cured, etc.)	295
Canned Goods (all canned food products except meats)	8,905
Other Manufacturers and Miscellaneous	95,575
Merchandise	70,131
	1,362,427

STATISTICS

Comparative Passenger Traffic Statement

	Passengers	Revenue
Number of Passengers carried during year 1905........	86,648	$ 108,681.76
“ “ “ 1906........	359,861	254,759.33
“ “ “ 1907........	518,678	388,343.03
“ “ “ 1908........	479,005	366,504.53
“ “ “ 1909........	580,748	483,110.89
“ “ “ 1910........	670,913	606,967.91
“ “ “ 1911........	479,102	653,063.01
“ “ “ 1912........	497,452	599,681.73
“ “ “ 1913........	508,055	576,049.37
“ “ “ 1914........	535,869	544,820.08
“ “ “ 1915........	480,995	482,349.80
“ “ “ 1916........	485,759	624,808.12
“ “ “ 1917........	499,759	655,127.58
“ “ “ 1918........	436,984	647,162.91
“ “ “ 1919........	525,714	853,363.52
“ “ “ 1920........	609,879	1,021,079.95
“ “ “ 1921........	685,928	1,223,387.14
“ “ “ 1922........	633,491	1,097,394.03
“ “ “ 1923........	708,144	1,273,807.69
“ “ “ 1924........	725,922	1,369,045.61
“ “ “ 1925........	664,242	1,150,278.18
“ “ “ 1926........	634,320	1,180,543.65
“ “ “ 1927........	647,740	1,248,100.25
“ “ “ 1928........	637,145	1,277,950.61
“ “ “ 1929........	549,973	1,063,426.10
“ “ “ 1930........	516,816	997,649.44
“ “ “ 1931........	422,552	838,019.24
“ “ “ 1932........	295,347	578,126.20
“ “ “ 1933........	245,451	500,684.85
Number of Passengers carried during year ended October 31, 1934	314,047	599,445.08
Number of Passengers carried during period November 1, 1934, to March 31, 1935	165,838	265,987.70
Number of Passengers carried during year ended March 31, 1936	335,700	633,867.09
Number of Passengers carried during year ended March 31, 1937	369,525	741,472.58
Number of Passengers carried during year ended March 31, 1938	466,648	920,015.43
	16,774,250	$25,825,074.39

COMPARATIVE FREIGHT TRAFFIC STATEMENT

	Tons	Revenue
Number of Tons of Freight carried during year 1905....	99,192	$ 121,530.46
“ “ “ 1906....	273,749	230,552.63
“ “ “ 1907....	393,589	390,894.29
“ “ “ 1908....	484,444	471,203.41
“ “ “ 1909....	498,645	756,141.66
“ “ “ 1910....	624,820	852,886.46
“ “ “ 1911....	564,120	974,678.33
“ “ “ 1912....	562,734	929,464.66
“ “ “ 1913....	674,942	906,476.16
“ “ “ 1914....	742,366	952,090.35
“ “ “ 1915....	676,938	925,735.37
“ “ “ 1916....	922,618	1,320,569.33
“ “ “ 1917....	960,714	1,459,459.93
“ “ “ 1918....	1,233,510	1,937,054.80
“ “ “ 1919....	1,068,775	2,036,274.38
“ “ “ 1920....	1,361,185	2,728,092.92
“ “ “ 1921....	1,298,400	3,047,925.57
“ “ “ 1922....	1,185,453	2,779,673.11
“ “ “ 1923....	1,550,651	3,431,621.04
“ “ “ 1924....	1,410,725	3,296,211.95

Number of Tons of Freight carried during year 1925....	1,350,795	3,181,378.01
" " " 1926....	1,355,298	3,146,070.59
" " " 1927....	1,321,110	3,336,174.25
" " " 1928....	1,371,021	3,437,452.26
" " " 1929....	1,376,581	3,308,624.11
" " " 1930....	1,391,655	3,336,628.11
" " " 1931....	1,253,323	3,457,937.44
" " " 1932....	946,692	2,835,196.48
" " " 1933....	823,946	2,279,649.73
Number of Tons of Freight carried during year ended October 31st, 1934	930,433	2,608,355.56
Number of Tons of Freight carried during period November 1, 1934, to March 31, 1935	420,231	1,078,612.83
Number of Tons of Freight carried during year ended March 31, 1936	1,103,991	2,998,245.98
Number of Tons of Freight carried during year ended March 31, 1937	1,337,081	3,626,347.80
Number of Tons of Freight carried during year ended March 31, 1938	1,362,427	3,598,421.55
	32,932.154	$71,777,631.51

Mileage Operated at Close of Fiscal Year ended March 31, 1938

	Miles	Total Miles
Main Line.		
North Bay to Timmins	257.30	
Porquis to Cochrane................................	28.10	
Cochrane to Moosonee	186.19	
		471.59
Branch Lines.		
Earlton to Elk Lake	28.50	
Englehart to Charlton	7.60	
Porquis to Iroquois Falls	7.00	
		43.10
Other Tracks.		
Yard Tracks and Sidings		120.50
Private Sidings Operated by the Railway.		
Under Private Sidings Agreements	19.90	
Owned by Private Companies	0.55	
		20.45
Sidings Operated by Private Companies.		
Under Private Sidings Agreements		9.23
Total..................................		664.87

NIPISSING CENTRAL RAILWAY

COMPARATIVE INCOME STATEMENT

April 1, 1936, to March 31, 1938

Operating Income	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Railway Operating Revenues	$486,246.46	$418,663.34
Railway Operating Expenses	450,117.60	389,724.93
Net Operating Revenue	$ 36,128.86	$ 28,938.41
Deductions from Income		
Hire of Freight Cars—Debit Balance	$ 30,856.51	$ 25,300.71
Rent for All Other Equipment	336.90	
Miscellaneous	2,546.91	2,269.73
Total Deductions from Income	$ 33,740.32	$ 27,570.44
Net Income carried to Profit and Loss	$ 2,388.54	$ 1,367.97

RAILWAY OPERATING REVENUES

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Freight	$361,656.43	$318,542.43
Passenger	108,175.94	87,376.63
Excess Baggage	1,307.91	2,205.44
Mail	3,556.52	2,887.73
Milk	2,162.46	280.62
Switching	1,360.40	969.58
Special Service Train	196.80	40.49
Station, Train and Boat Privileges	97.45	57.20
Storage—Freight	768.79	562.42
Storage—Baggage	138.60	170.00
Demurrage	1,421.00	644.00
Rents of Buildings and Other Property	4,776.64	4,617.20
Miscellaneous	627.52	309.60
	$486,246.46	$418,663.34

SUMMARY RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures	$103,913.14	$119.555.75
Maintenance of Equipment	59,269.14	46,789.56
Traffic	1,939.28	2,148.40
Transportation	269,628.24	200,744.40
General	15,367.80	20,486.82
	$450,117.60	$389,724.93

MAINTENANCE OF WAY AND STRUCTURES

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Superintendence	$ 3,261.74	$ 3,452.49
Roadway Maintenance	15,212.88	12,718.64
Bridges, Trestles and Culverts	5,487.55	23,325.13
Ties	25,521.88	16,386.81
Rails	2,907.25	1,003.80
Other Track Material	3,253.54	3,326.79
Ballast		8,687.86
Track Laying and Surfacing	32,298.39	35,268.83
Right-of-way Fences	86.63	11.88
Crossings and Signs	157.98	432.10
Station and Office Buildings	3,821.84	2,336.16
Roadway Buildings	336.80	370.19
Water Stations	146.60	123.76
Fuel Stations	721.26	305.04
Shops and Enginehouses	500.16	396.76
Signals and Interlockers	9.11	
Power Transmission Systems	28.59	
Power Distribution Systems	6.69	9.01
Roadway Machines	399.92	411.18
Small Tools and Supplies	1,237.44	1,171.95
Removing Snow, Ice and Sand	7,743.70	8,980.97
Injuries to Persons	394.19	491.80
Insurance	379.00	344.28
Stationery and Printing		32
	$103,913.14	$119,555.75

MAINTENANCE OF EQUIPMENT

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Shop Machinery	$ 597.26	$ 63.02
Steam Locomotives—Repairs	37,804.20	30,157.31
Steam Locomotives—Depreciation	2,613.60	2,015.23
Freight-train Cars—Repairs	1,257.45	1,299.95
Passenger-train Cars—Repairs	14,254.12	11,251.75
Passenger-train Cars—Depreciation	1,909.58	1,444.32
Work Equipment—Repairs	468.27	406.34
Work Equipment—Depreciation	141.30	110.09
Injuries to Persons	145.50	
Insurance	4.30	3.84
Stationery and Printing	73.56	37.71
	$ 59,269.14	$ 46,789.56

TRAFFIC

Superintendence	$ 1,232.76	$ 1,634.18
Outside Agencies		89.95
Advertising	202.91	99.90
Traffic Associations	91.45	2.52
Industrial and Immigration Bureaus	1.75	
Stationery and Printing	410.41	321.85
	$ 1,939.28	$ 2,148.40

TRANSPORTATION

	April 1, 1937, to March 31, 1938	April 1, 1936, to March 31, 1937
Superintendence	$ 6,791.59	$ 4,580.95
Despatching Trains	2,652.00	2,456.52
Station Employees	52,316.30	40,900.05
Station Supplies and Expenses	5,088.97	5,026.76
Yard Conductors and Brakemen	4,976.70	
Yard Switch and Signal Tenders	348.91	
Yard Enginemen	3,235.11	
Fuel for Yard Locomotives	3,285.26	
Water for Yard Locomotives	16.02	
Lubricants for Yard Locomotives	26.94	
Other Supplies for Yard Locomotives	10.52	
Enginehouse Expenses—Yard	971.71	
Yard Supplies and Expenses	3.10	
Train Enginemen	48,661.94	37,817.13
Fuel for Train Locomotives	59,783.78	48,876.44
Water for Train Locomotives	1,125.13	1,275.01
Lubricants for Train Locomotives	432.08	381.93
Other Supplies for Train Locomotives	272.26	122.71
Enginehouse Expenses—Train	10,166.61	8,939.23
Trainmen	53,911.07	40,235.85
Train Supplies and Expenses	8,805.60	5,613.60
Stationery and Printing	4,373.02	3,236.77
Other Expenses	3.00	6.50
Insurance	92.14	80.88
Clearing Wrecks	705.15	533.23
Damage to Live Stock on Right of Way	51.28	70.00
Loss and Damage—Freight	800.26	279.02
Loss and Damage—Baggage	70.15	126.55
Injuries to Persons	651.64	185.27
	$269,628.24	$200,744.40

GENERAL

Salaries and Expenses of General Officers	$ 3,659.37	$ 5,577.38
Salaries and Expenses of Clerks and Attendants	5,857.24	8,933.26
General Office Supplies and Expenses	358.56	384.69
Law Expenses	527.54	828.85
Insurance	2.11	8.94
Pensions	4,045.85	3,832.48
Stationery and Printing	772.61	695.22
Other Expenses	144.52	226.00
	$ 15,367.80	$ 20,486.82

Mileage operated at close of fiscal year ended March 31, 1938

	Miles	
Swastika to Noranda, Quebec	59.74	
Sidings and Yard Tracks	9.38	
	——	69.12
Private Sidings under sidings agreements		2.52
Private Sidings—privately owned		1.44
Total		73.08

Thirty-Third Annual Report

OF THE

ONTARIO MUNICIPAL BOARD

To December 31st, 1938

PRESENTED TO THE LEGISLATIVE ASSEMBLY,
BY COMMAND

SESSIONAL PAPER No. 24, 1939

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent
Majesty, 1939

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario, in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Thirty-Third Report of the Ontario Municipal Board for the year ending December 31st, 1938.

Respectfully submitted,

E. W. CROSS,
Minister of Municipal Affairs.

Parliament Buildings,
Toronto, March 31st, 1939.

March 31st,
1939.

DEAR SIR: Re Thirty-Third Annual Report.

I have the honour to send you herewith the Thirty-Third Annual Report of the Ontario Municipal Board, to December 31st, 1938.

Your obedient servant,
M. B. SANDERSON,
Acting Secretary.

The Honourable Eric W. Cross, K.C., M.A.
Minister of Municipal Affairs,
Parliament Buildings,
TORONTO.

ORGANIZATION

of the

ONTARIO MUNICIPAL BOARD OF THE PROVINCE OF ONTARIO

R. S. COLTER, K.C.,	CHAIRMAN
D. S. CHARLTON,	VICE-CHAIRMAN
W. P. NEAR, B.A.Sc.,	COMMISSIONER
M. B. SANDERSON,	ACTING-SECRETARY
J. A. McDONALD	INSPECTOR of TELEPHONE SERVICE

THIRTY-THIRD ANNUAL REPORT

# of the

Ontario Municipal Board

To December 31st, 1938

In pursuance of Section 108 of "The Ontario Municipal Board Act" (R.S.O., 1937, Chapter 60), the Ontario Municipal Board beg leave respectfully to submit their Thirty-Third Annual Report.

"THE ONTARIO MUNICIPAL BOARD ACT"

Since the revision of the Statutes of Ontario in 1937 "The Ontario Municipal Board Act" was amended by Statutes of Ontario, 1938, Chapter 37, Section 18.

APPLICATIONS TO THE BOARD

There were 1322 applications to the Board during 1938 (exclusive of Telephone and Public Vehicle and Public Commercial Vehicle License applications), and in regard to 205 of these Public Hearings were held. The applications included a great variety of matters falling within the jurisdiction of the Board and those granted are set out in a list contained in the "Abstract and Summary" appended to this Report, indexed under "Orders Issued by the Board". Copies of formal Decisions issued are also contained in the Abstract and Summary, indexed under "Decisions of the Board" and also under the names of the Parties.

SITTINGS OF THE BOARD

The Board held meetings for the transaction of routine business and the disposal of applications every juridical day throughout the year. Many of these applications, though dealt with informally and disposed of without the necessity of Hearings, entailed, in many instances, a considerable amount of inquiry and consideration on the part of the Board, especially those coming under the provisions of Section 70 of the Board's Act, which section requires all capital undertakings and expenditures therefor by Municipalities to be approved by the Board.

REVENUE

The Board's fees are paid in Law Stamps except fees on applications for Public Vehicle and Public Commercial Vehicle Licenses which (beginning with the year 1936) are collected by the Department of Highways and credited to the Board.

Below is shown the amount paid in 1938 and the previous three years:—

Year	Law Stamps	P.V. and P.C.V. Applications	Total Amount
1938	$13,763.00	$4,542.80	$18,305.80
1937	*15,197.00	5,255.09	20,452.09
1936	9,462.85	5,739.68	15,202.53
1935	4,934.00		4,934.00

*Includes $4,000 in respect to City of Windsor Refunding Plan.

APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES BY MUNICIPALITIES.

(Section 70 of "The Ontario Municipal Board Act"—R.S.O., 1937, C. 60)

On the 18th April, 1935, legislation came into effect whereby a Municipality is prohibited from exercising any of its powers to proceed with, authorize or provide any moneys for any undertaking, work, project, scheme, act, matter or thing, the cost or any portion of the cost of which it is intended or required to be provided or raised by the issue of debentures of the Municipality, until the approval of this Board is first obtained. This enactment over-rides the provisions of any general or Special Act and necessitates a great many applications to the Board. A list of these applications granted will be found in the Summary, included in the list indexed under "Orders Issued by the Board". Written decisions will be found indexed under "Capital Expenditures" and also under the names of the Applicants.

Applications in respect to proposed expenditures totalling $10,568,955.66 were considered by the Board and approval was refused in respect to approximately $2,000,000 thereof. It should be noted, however, that since Municipal representatives are now aware of the fact that they must obtain the Board's approval of proposed capital undertakings, a large percentage avail themselves of the opportunity of discussing their proposed borrowings with the Board and in many instances are advised that the Board would not be willing to grant approval. Accordingly formal applications in these instances are not filed and do not show in the Board's records.

It should also be noted that the existence of this legislation gives the Board an opportunity to advise and control with regard to the type and term of the debentures to be issued. In this connection the Board has pursued the policy of approving only instalment debentures as opposed to sinking fund debentures and is generally requiring the term of repayment to be shorter than formerly, believing that the saving of interest effected thereby accrues to the benefit of the Municipal ratepayers.

The following list, generally speaking, shows the maximum debenture term allowed by the Board under this restrictive policy:—

Sidewalks	10 years
Curbs and gutters	10 years
Pavements	10 years
Watermains	15 years
Sanitary Sewers	15 years
Trunk Sewers	20 years
Buildings, including Schools	20 years

APPROVAL OF RATEPAYERS

By section 59 (f) of "The Ontario Municipal Board Act" the Board is given power to direct that before any approval is given to the exercise of any powers by a municipality or to any by-law passed by it, the assent of the electors thereof or of those thereof who are qualified to vote on money by-laws shall first be obtained, notwithstanding such assent is not otherwise requisite. By virtue of this legislation the Board has followed a policy in the year 1938 of insisting that major capital expenditures, the cost of which would be met out of general rates, be submitted to the ratepayers for their approval, before being presented to the Board. The result in many instances has been the rejection of the proposed expenditure by the ratepayers.

ARBITRATIONS

In 1938 the Board acted as Arbitrators in connection with 7 applications, 5 of which were under section 77a (now section 79) of "The Highway Improvement Act", for the fixing of compensation to be paid to the Claimants for property expropriated or damaged in connection with the construction of the King's Highways, where the amount could not be arranged between the parties. Of the other applications one was under "The Public Works Act" and one was referred to the Board by consent of the Parties interested. The Board's decisions will be found in the Summary, indexed under "Arbitrations", "Decisions of the Board" and also under the names of the Parties.

RESTRICTED AREAS.

Under Section 406 of "The Municipal Act" (R.S.O., 1937, C. 266) the Board considered 29 applications for approval of Municipal By-laws placing restrictions on certain areas as to use of land and the erection and use of buildings thereon, also, under subsection (2b) of this section 51 applications for variation of restricted areas already established. The applications granted are shown in the Summary, in the list of "Orders issued by the Board". Copies of the Board's written decisions will also be found indexed under "Decisions of the Board" and under "Restricted Areas."

REFUNDING PLANS OF SUPERVISED MUNICIPALITIES

Pursuant to the provisions of section 32 of "The Department of Municipal Affairs Act" (R.S.O., 1937, C. 59) the Board, during 1938, considered and approved plans for funding and refunding the bonded indebtedness of the following Supervised Municipalities:—Towns of Kingsville, Leamington, Midland, Mimico, New Toronto, Pembroke (also Board of Trustees of Roman Catholic Separate Schools) and Weston and the Essex Border Utilities Commission.

The Board is pleased to report that during 1938 no application was made for an Order to place the financial affairs of a Municipality under the supervision of the Department of Municipal Affairs.

EXTENSION OF PUBLIC UTILITIES

(Section 407 (2) of "The Municipal Act")

During 1938 the Board approved of extensions to Public Utilities in an amount totalling $413,796.28, covering 19 applications. These are shown in the Summary in the list of "Orders issued by the Board".

FLOATING INDEBTEDNESS

(Section 59 (d) of Part IV, R.S.O., 1937, C. 60)

Under this legislation the Board issued Orders in respect to 7 Municipalities, authorizing debenture issues totalling $347,800. It should be noted that this meant a considerable saving of expense to the Municipalities concerned, as special Acts of the Legislature would otherwise have been necessary.

DIRECT RELIEF FUNDING

The policy of the Board has been to curtail, as far as possible, the funding of direct relief costs by municipalities.

In the year 1938, 5 applications for approval of the funding of a part of direct relief costs were made and permission was given in 3 instances. This represents an improvement over the preceding year during which 10 municipalities applied for and received permission to fund a portion of their direct relief costs. Furthermore, the approvals of relief funding given in 1938 contained, with one exception. the condition that the term of the debentures be shortened, the Board having in view a gradual termination of the practice of funding any relief costs, with the eventual result that the remaining 3 municipalities would shortly resume a pay-as-you-go basis for this type of expenditure.

ASSESSMENT APPEALS.

There were 33 Assessment Appeals to the Board during 1938, pursuant to the provisions of section 84 of "The Assessment Act" (R.S.O., 1937, C. 272), involving property assessed at $6,956,284. Of this number 10 appeals were later withdrawn, 2 appeals were settled and Consent Orders issued, formal hearings were held in regard to 11 of the appeals and the remaining 10 appeals were carried over for hearing in 1939. The total amount involved in the appeals heard by the Board in 1938 was $3,347,323.

Copies of the Board's written decisions will be found in the Summary indexed under "Assessment Appeals", "Decisions of the Board" and also under the names of the Parties.

"THE MUNICIPAL FRANCHISES ACT"

(R.S.O., 1937, C. 277)

Under section 8 of this Act the Board heard 4 applications by Gas Companies for Certificates of Public Convenience and Necessity to construct works to supply and to supply gas to residents of certain Municipalities. Copies of the Board's Certificates are contained in the Summary, indexed under "Certificates of Public Convenience and Necessity", "Decisions of the Board" and under the names of the Applicant Companies and the Municipalities concerned.

VALIDATION OF MUNICIPAL BY-LAWS AND DEBENTURES

(Section 64 of Part IV, R.S.O., 1937, Chapter 60)

103 applications were made to the Board in 1938 for validation of Municipal By-laws and certification of the debentures authorized thereunder. The total of such debenture issues was $3,701,344.69.

While purchasers of debentures are frequently satisfied with Orders of the Board under section 70 of the Board's Act it has been found that, particularly in regard to the larger debenture issues, a further Order of the Board validating the By-law and providing for certification of the debentures, facilitates the marketing of the issue.

PLANS OF LAND SUBDIVISIONS.

Under "The Planning and Development Act" (R.S.O., 1937, C. 270), "The Land Titles Act" (R.S.O., 1937, C. 174), Section 112, and "The Registry Act" (R.S.O., 1937, C. 170), Section 83, subsection (15), 35 plans were presented to the Board for approval and certification.

PROVINCIAL RAILWAYS

Extensions of and improvements to Provincial Railways during 1938, as reported to the Board, will be found in the Summary, arranged alphabetically under the names of the several Systems reporting.

Annual Reports, to December 31st, 1938, by Railway Companies under the Board's jurisdiction were received, of which a summarized tabulation has been prepared for publication herein. The Board has no means of auditing these reports as received and cannot therefore guarantee that the figures taken therefrom are correct or accurate.

Under "The Railway Act" there were 16 applications to the Board in 1938. Two of these were by the City of Toronto respecting the new Dundas Street Bridges and 11 by the Toronto Transportation Commission, the latter comprising 10 applications for approval of the reconstruction and rehabilitation of Street Railway tracks and one for approval of the design and operation of the new One-Man Cars.

A tabulation of Accident Reports received by the Board from Provincial Railways during the year 1938 is included in the Summary and shows that 16 persons were killed and 1160 injured during the year.

PUBLIC VEHICLE AND COMMERCIAL VEHICLE LICENSES

Pursuant to "The Public Vehicle Act" (R.S.O., 1937, C. 289) and "The Commercial Vehicle Act" (R.S.O., 1937, C. 290) no Public Vehicle or Commercial Vehicle license, respectively, may be issued by the Department of Highways without the approval of the Board being first obtained as evidenced by a Certificate of Public Necessity and Convenience of the said Board furnished to that Department, and then only in accordance with such Certificate. Upon the granting of a Certificate of the Board the Department may then in its discretion issue or refuse a license.

The Board set aside Forty-two days during the year for hearing the applications for a Certificate of Public Necessity and Convenience. From March to December, inclusive, two days bi-weekly are set apart for these hearings. The Board has also, during 1938, given appointments for similar hearings at Port Arthur and Fort William, as well as at Kirkland Lake, Timmins and Sudbury.

During the year 58 applications were made for Public Vehicle Licenses and 1111 for Commercial Vehicle Licenses. These numbers include applications for extensions to and clarification of existing licenses. These applications, according to classification, are divided as follows:—

Public Vehicle	58
Public Commercial Vehicle:	
Class "A"	59
Class "B"	10
Class "C"	196
Class "D"	60
Class "E"	150
Class "F"	598
Class "H"	23
Miscellaneous (at Port Arthur)	15
Total	1169

In supporting an application before the Board the Applicant may appear in person or be represented by his Solicitor, or, under exceptional circumstances, if unable to attend, may submit evidence in the form of letters, petition or affidavits in support of the application. The Board hears the evidence for and against and takes into consideration facilities extended by existing licensed operators and then decides whether public necessity and convenience requires the service for which application is made.

All transfers of Public Vehicle and Public Commercial Vehicle Licenses are subject to the approval of the Board and care is taken to prevent anything that might appear to be trafficking in licenses. Transfers of important licenses are usually made the subject of a Hearing and evidence is heard for and against.

The Department of Highways submits for the Board's approval School Bus permits and re-instatements of licenses that have been suspended for failure to insure or other cause.

FORMS

The Board has (for distribution to parties interested) the following forms and specifications, namely:—

1. The Board's Rules of Practice and Procedure and Practice Forms.

2. Regulations, Specifications and Forms respecting Railways.

3. Standard Specifications for Bridges, Viaducts, Trestles or other structures.

4. Memorandum of material required in support of application for approval of undertaking or capital expenditure involving debenture issue, under section 70 of "The Ontario Municipal Board Act" (R.S.O., 1937, C. 60).

5. Forms of By-laws and Notices which may be used when carrying out the provisions of sections 280 and 305 of "The Municipal Act" (R.S.O., 1937, C. 266) in respect of voting on Money By-laws.

6. Forms for Annual Reports by Railway Systems.

7. Forms for Reports as to Examination of Motormen.

8. Forms for Reports of Accidents by Railway Systems.

9. Directions for guidance of applicants under subsection (2) of section 407 of "The Municipal Act."

10. Tariff of the Board's Fees.

11. Forms under "The Planning and Development Act" with directions for guidance of applicants thereunder.

12. "The Telephone Act."

13. Form of Annual Report to be furnished to the subscribers to a Telephone System established under Part II of "The Telephone Act."

14. Instructions for preparation of Annual Report as mentioned in No. 15.

15. Pamphlet containing information regarding Provincial Telephone Systems, and including

(a) Form of By-law providing for the establishment of a telephone system under Part II of "The Telephone Act."

(b) Form of By-law providing for the issue of debentures to pay for the cost of establishing a telephone system under Part II of "The Telephone Act."

(c) Form of By-law to regulate the management and operation of a telephone system established under Part II of "The Telephone Act."

(d) Form of Account for the use by Telephone Companies using the "Discount System of Collections."

(e) Form of Municipal Debenture—Instalment plan.

(f) Form of Constitution and By-laws for a Telephone Company.

16. Form of Petition praying for the establishment or extension of a Telephone System under Part II of "The Telephone Act."

17. Form of By-laws granting to a Telephone Company the right to use the highways of a Township.

18. Form for Return by Municipality operating a Telephone System.

19. Form for Return by Company, etc., operating a Telephone System.

20. Form for Tariff of Tolls for Telephone System.

21. Form for Return by Companies required by Order of the Board to set up a reserve for depreciation.

MISCELLANEOUS MATTERS UNDER THE BOARD'S JURISDICTION

Copies of the Board's written decisions and a list of Orders issued in 1938 appear in the Summary. These relate to:

Arbitrations.

Assessment Appeals under section 84 of "The Assessment Act" (R.S.O., 1937, C. 272).

Applications for relief from rebuilding of bridges by Municipalities — Section 480, subsection (9) of "The Municipal Act" (R.S.O., 1937, C. 266).

By-laws for reconstruction of bridges—Section 307, subsection 3 (e) of "The Municipal Act."

Detachment of Farm lands from Town or Village—Section 21 of "The Municipal Act."

Deviation of County boundary lines—Section 492 of "The Municipal Act."

Extension of debenture issue period of Municipal By-laws—Section 305, subsections (11) and (12) of "The Municipal Act."

Extension of time to pass Municipal By-laws—Section 297, subsection (5) of "The Municipal Act."

Fire Halls and Fire fighting equipment—Section 407, subsection (16) of "The Municipal Act."

Floating indebtedness, authority to Municipalities to issue debentures to pay—Section 59 (d) of "The Ontario Municipal Board Act" (R.S.O., 1937, C. 60).

"The Municipal Franchises Act" (R.S.O., 1937, C. 277), Section 8—Certificates of Public Convenience and Necessity in respect to construction of works to supply and to supply gas to residents of Municipalities pursuant to franchise granted therefor.

Highways, Department of—Claims against — Applications under section 79 of "The Highway Improvement Act" (R.S.O., 1937, C. 56)—Fixing of Compensation.

Highways, deferred widening of—Section 343 of "The Municipal Act."

Highways (Narrow)—Approval of under section 502 (2) of "The Municipal Act."

Increased borrowings by Municipal Councils—Section 339 (2) of "The Municipal Act."

Incorporations of towns in unorganized territory—Section 18 of "The Municipal Act."

Interest Decrease By-laws—approval of under section 310 of "The Municipal Act."

Lanes, opening and paving of—Section 29 (3) of "The Local Improvement Act" (R.S.O., 1937, C. 269).

Legislation, Special—By-laws approved under.

License fee—approval of fixing of to residents of a Municipality owning and using a bicycle on any highway thereof, Section 420 (11) of "The Municipal Act."

Local Improvements—Approval of the undertaking of and passing of construction By-laws therefor—Section 8 of "The Local Improvement Act."

Local Improvements—abandonment of part of work—Section 18 of "The Local Improvement Act."

Local Improvements—apportionment of cost—approval of By-laws under section 29 (3) of "The Local Improvement Act."

"The Ontario Municipal Board Act" (R.S.O., 1937, C. 60).

"The Public Parks Act" (R.S.O., 1937, C. 285), Section 12—Approval of the setting aside of portion of Park for athletic purposes, etc.

Repeal of Money By-laws as to residue not required—Section 311 (2) of "The Municipal Act".

Restrictions as to use of land or buildings, etc., approval of By-laws for—Section 406, "The Municipal Act"; and repeal or amendment to restricted areas—Section 406 (2b) of "The Municipal Act."

Referee, appointment of—Section 16 of "The Public Schools Act" (R.S.O., 1937, C. 357).

Sinking Funds—Approval of investment of—Section 327 of "The Municipal Act."

Supervised Municipalities—Refunding Plans—"The Department of Municipal Affairs Act" (R.S.O., 1937, C. 59), Section 32; Leave to commence action against—Section 29.

Tax Rate—approval of further debt and levy therefor—Section 315 (2) of "The Municipal Act."

Vote of Electors—Application to dispense with — Section 69 of "The Ontario Municipal Board Act."

Wards, Division of Cities, etc., into—Section 44 of "The Municipal Act."

Weigh Scales and weighing of coal, etc. — Section 408 (11) of "The Municipal Act."

Works ordered by the Dominion Railway Board, approval of By-laws for—Section 307 (3) (f) of "The Municipal Act."

M. B. SANDERSON,
Acting Secretary.

REPORT OF THE INSPECTOR OF TELEPHONE SERVICE

For The Year 1938

The following applications under the provisions of "The Telephone Act" (R. S. O., 1937, Chapter 261) were dealt with by the Board in 1938.

Under Section 27:	For authority to pass municipal debenture by-laws to meet the cost of reconstructing, replacing or altering telephone systems	1
Under Section 31:	For approval of the purchase of an existing telephone system by a municipality, or any portion thereof	6
Under Section 56:	For the approval of by-laws of a municipal telephone system	1
Under Section 58:	For an order prescribing the date for holding the annual meeting of subscribers	3
Under Section 79:	For the approval of municipal by-laws granting the right to erect poles and wires upon the highways	4
Under Section 87:	For the approval of by-laws of a telephone company	15
Under Section 96:	For the approval of agreements providing interchange of service	86
Under Section 101:	For the approval of the sale of telephone systems	14
Under Section 103:	For the approval of charges for telephone service	23
Under Section 109:	For authority to expend a portion of the moneys set aside for depreciation, upon new construction or extensions or in the purchase of securities	9
Under Section 110:	For authority to issue stocks and bonds	1
Under Section 122:	For an enquiry into the affairs of a telephone company and an order in reference thereto	2
Total number of applications		165

The continued policy of the Board in endeavoring to secure an amicable settlement of matters in dispute between the applicant and respondent has proved successful in the majority of cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Telephone Department, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties which might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

During the year the following changes were made in the Board's records of Telephone systems coming within its jurisdiction:

The following systems previously operating about 86 telephones were transferred to The Southern Ontario Telephone Company, Limited:

South Walsingham Telephone Company, Limited,

Walsingham Centre and Port Rowan Telephone Company, Limited,

Houghton and South Walsingham Telephone Company, Limited,

Windham Telephone Company, Limited.

The following systems previously operating about 565 telephones were sold to The Bell Telephone Company of Canada:

Ardtrea Telephone Company, Limited.

O'Connell Rathburn Telephone Company, Limited,

Glasgow Private Telephone System,

Mutual Telephone Company, Limited,

Fairview Telephone Company, Limited,

Riverside Telephone Company, Limited,

Fraser Telephone Company, Limited,

Marysburg Telephone Company.

The System of the Houghton, Bayham and Tillsonburg Telephone Company, Limited, operating about 96 telephones was sold part to The Aylmer and Malahide Telephone Company, Limited, and part to The Norfolk and Tillsonburg Telephone Company, Limited.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 579, operating 112,216 telephones, 33,820 miles of pole lead carrying 185,658 miles of wire and representing an investment of about $11,000,000.

There are 11 systems owned and operated by municipalities under the provisions of Part I of the Act, viz.: the Cities of Fort William and Port Arthur, the Towns of Cochrane, Dryden, Fort Frances, Kenora, Keewatin and Rainy River, and the Townships of Alberton, Caledon and Hilliard.

One hundred and twenty-one systems are now established and operating under Part II of the Act, and furnishing service in two hundred and seventy-seven towns, villages and townships.

In addition to the before-mentioned systems, the Forestry Branch of the Department of Lands and Forests is operating an extensive system in connection with its work of fire prevention. This system comprises 755 telephone stations, 1437 miles of pole lead, 1216 miles of tree line, and 4996 miles of wire, the total investment being $310,789.71.

Detailed statistics and other information relative to these systems will be found in the appendix to this report, entitled "Telephone Systems, 1939."

JAS. A.McDONALD,

Inspector of Telephone Service.

ABSTRACT AND SUMMARY

DECISIONS OF THE BOARD

ARBITRATIONS

P.F.A. 7400

IN THE MATTER of "The Highway Improvement Act" (R.S.O. 1937, Chapter 56), and "The Public Works Act" (R.S.O. 1937, Chapter 54)

BETWEEN:

MARGARET JANE BROWN

Claimant.

—and—

HIS MAJESTY THE KING, IN THE RIGHT OF THE PROVINCE OF ONTARIO REPRESENTED BY THE MINISTER OF HIGHWAYS AND PUBLIC WORKS FOR THE PROVINCE OF ONTARIO

Respondent.

E. H. Cleaver, Esq., K.C. .... Counsel for the Claimant,

G. W. Mason, Esq., K.C. .... Counsel for the Respondent.

DECISION OF THE BOARD

This is an application pursuant to Section 79 of "The Highway Improvement Act" and was heard by the Board on the 27th, 28th and 29th days of April and the 9th and 10th days of May, at the Court House in the City of Hamilton.

The following are the facts: The Claimant was the owner of a fruit farm of 21 acres more or less, upon which was situated a house and barn, and being composed of part of Lot 27, Concession 1, of the Township of Saltfleet in the County of Wentworth. The whole of the lands were expropriated by the respondent for highway purposes, a parcel of 7.5 acres on the 18th of December, 1937, and the remaining parcel of 13.7 acres on the 22nd day of February, 1938. By letter dated the 1st of February, 1938, the respondent offered the claimant the sum of $14,000 in full settlement, and by letter dated the 28th of February, 1938, increased its offer to $14,500. The claimant by letter dated the 12th of March, 1938, stated that she was not willing to accept the said offer and these proceedings are the result of the said refusal.

Miss Stella Brown, the daughter of the claimant, gave evidence as to the character of the planting on the farm and evidence as to the revenue which her mother had received from that source since her father's death in 1931. She was able to give the figures for the years 1932, 1933, 1934, and 1937, the figures for 1935 and 1936 not being available. The average for the said four years was stated by counsel for the claimant in the argument to be $771.50. She also stated that because of illness on her part that she and her mother in 1936 offered the farm for sale at a price of $14,000, and that in 1937 by reason of the recovery of her health, they had the property withdrawn from the market and determined to carry on. No offer, the terms of which were satisfactory to the claimant, had been received by the claimant in the interim. The land consisted of 18 acres of fruit planting, 2½ acres of pasture and one-half acre of ground upon which the house, about 35 years old, and the barn, were situated. The assessment of the land was $4,200 and of the buildings was $1,200; a total of $5,400.

Mrs. Daisy Clark and J. R. Church, two landowners in the area, from whom small parcels of land had been taken by the respondent, stated that the said respondent had paid compensation to them at the rate of $900 and $700 per acre respectively.

James Biggar, D. R. McIntyre and Percy Acres, owners who had sold land to the Federal Department of National Defence for the purpose of a rifle range, stated that they had been paid at the rate of $1000, $800 and $800 an acre respectively. On cross-examination it was brought out that the said land fronted on the lake and had a high bank at the shore of the lake and was especialy suitable for the purpose of a rifle range.

C. F. Smith, a fruit farmer of Stoney Creek, valued the claimant's land in so far as the 18 acres were concerned. at $600 and $700 per acre unplanted and $400 per acre additional for planting, and $3,000 for the house. He stated that he arrived at the value of the planting by getting the amount to bring it into production, and that $1,000 an acre should be obtained.

W. F. Utter valued the 15 3-4 acres in fruit trees at $1,100 per acre, $600 for the land and $500 for the planting. The two acres in raspberries were valued at $700. $500 for land and $200 for planting. The house he valued at $4,000. No sales were submitted by him and in cross-examination, admitted that he had had no sales of fruit land in Saltfleet Township.

J. H. Lounsbury valued the property at $21.000 made up as follows: house $3,-600, barn $600, 21 acres of unplanted land at $600 per acre, $12.600. 18 acres of planting at $600 per acre, $5.400, and for the rockery, shrubbery, setting etc. adding to the value of the house $500, less an arbitrary amount of $1.100 resulting in a total sum of $21,000. No sales were submitted by him and on cross-examination he admitted that he had made no sales in this area, and in the last six years had made no valuations of fruit land on which loans were granted. He stated that most of his work was with City property.

J. H. Gibson, Secretary of the Cemetery Board in Hamilton, stated that the City had purchased 50 acres adjacent to the City in June, 1928, for $53.000.

The Claimant in her evidence stated that the price had always been $20,000 and was only lowered to $14,000 in 1936 because of her daughter's illness. Upon her daughter's health being restored in 1937, they had not since that time offered it for sale at the price of $14,000.

J. A. MacMillan of J. J. Willoughby & Company, in Toronto, Real Estate Agents, gave evidence that he has in the neighborhood of 25 farms in the Niagara Peninsula for sale, but that they are difficult to sell and that values have depreciated 25 per cent. from 1924 to 1932, and recovered about 5 per cent. from 1932 to date. He gave the following examples of sale—a parcel known as the Wooter's property consisting of 50 acres of fruit land being part of lot Number 3 in Concessions 2 and 3 in the Township of North Grimsby, and having buildings composed of a large residence, 4 cottages and 2 green houses, sold in March, 1937, for $30,000 including equipment and furniture; a parcel known as the Finton property being part of Lots Numbers 19 and 20 in the First Concession of the Township of Saltfleet, consisting of 26 acres of fruit land, together with a house and now assessed for $5,100, sold in 1933 for $6,100. He valued the claimant's property as follows: 16 acres planted at $500 an acre, $8,000. 3¼ acres at $300 an acre, $975. 2 acres at $350 an acre, $700, the house at $2,500, and the barn at $300, for a total of $12,700. In cross-examination he admitted that he had no experience as fruit grower, that the Wooter's property was a large plant, and that the land and buildings on the Finton property were not as valuable as the claimants. He stated that they were two-thirds of the value of the claimants.

R. S. Zavitz, a Real Estate Agent and who was corroborated by his son C. Zavitz, stated that Mrs. Brown advised him in 1935 that the price was $14,000. In the spring of 1937 he again was told that the price was $14.000 and that he had shown the property to a prospective buyer. No sale was made as the prospect was not willing to pay an amount of cash satisfactory to the Claimant. The Claimant on cross-examination denied that she had given a price of $14,000 in 1935 and that no such figure was contemplated until the time of her daughter's illness in 1936.

R. S. Johnson, a solicitor. stated that a parcel of 12 acres on Number 8 Highway, 2 sideroads east of Number 20 and 5 miles from Hamilton, had been purchased from the Huron and Erie Mortgage Corporation, and that the price was $18,292.50 in April, 1936, and later sold for $10,000.00. He admitted on cross-examination that that transaction was a mortgage sale and that the original mortgage had been $24.-000.

W. S. Milmine of Stoney Creek. a Real Estate Agent, gave three examples of sales of fruit land. One was known as the Reinke property consisting of 16 acres and which was sold in 1938 for $7,000, another was known as the Faustman property consisting of 6 acres and a house on the north side of Barton Street, one mile east of the Winona Road, which sold lately for $5,000. Another parcel was the Williams property, one mile west of the rifle range site, consisting of 13 acres and a house and barn, which sold in 1938 for $5,100. He stated that the value of the Claimant's land was $12,300, made up as follows: 2 3-4 acres of vacant land at $200 an acre, $550, 18 acres in fruit at $475 an acre, $8,550, and ¼ acre including the house and barn $3,200. He also stated that the actual market price was $11,000. On cross-examination he admitted that the Finton property had been sold to wind up an estate and that the Williams property although worked, had been unoccupied for a year and a half.

He also stated that the cemetery property sold to the City of Hamilton consisting of 50 acres, was not comparable as fruit land.

J. J. Smith of the Department of Highways gave evidence with regard to the planting on the Claimant's farm, and admitted that prior to the time he was engaged by the Department, he had received compensation for 1½ acres of fruit land expropriated by the Department, at the rate of $1,000 an acre. He stated that the sum was to cover in addition any damage to the remainder of his land.

T. H. Crompton, Real Estate Agent of Hamilton, gave evidence with regard to five sales in the last six years. He admitted that he had made no sales in the area in the last two years.

Witnesses were called by the Claimant in reply who gave evidence relative to the circumstances surrounding the sales cited by the respondent and evidence as to the nature of the said properties.

The responsibility of the Board in an application of this kind, is heavy, keeping in mind that there is no appeal from its decision in so far as amount of compensation is concerned, and only after a careful consideration of the evidence has a decision been arrived at.

It appears to the Board to be significant that no ordinary transfers of comparable property were submitted by the Claimant for consideration and it is necessary to come to the conclusion that there has been none in recent years that would support the Claimant's value of $20,000. Furthermore the sales and transfers submitted by the Respondent point to a valuation below the offer of $14,500 tendered by the Respondent and refused. The Board does not agree with the method of valuation followed by the witnesses Lounsbury and Utter, whereby bare land is given a value and a planting value added, particularly as their values were not substantiated in any way. As to the evidence of J. J. Smith, the Board agrees with counsel for the Claimant in his contention that the evidence of the said witness must necessarily lose some weight in view of his having recently received from the Respondent a settlement for certain of his lands which were expropriated. The Board is satisfied that the prices per acre received in settlement by the other owners who had part of their lands expropriated, include not only loss in acreage but also damage to the remaining land. The land purchases by the Federal Government for the purpose of establishing rifle ranges is not comparable with the property in question as it was of a nature and location which enhances its value for a particular purpose. Here neither of these elements is present. The law applicable is well settled, being the value to the owner with all its possibilities and potentialities. The Board believes that the sum of $14,500. is a sum which represents a value substantially in excess of the present market value of the said land and is a just appraisal of the present value of the land to the claimant.

The circumstances do not warrant any additional amount for forcible taking, and there will be no order as to costs other than the Board's fees for Law Stamps which are $75.00.

Formal Order of the Board will issue upon the application of the Claimant, in the sum of $14,500. with interest at 5 per cent. from the date of taking to the date of payment, and upon payment by the Claimant of the said Board's fees for Law Stamps.

DATED at Toronto this 16th day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A. 7222

IN THE MATTER of The Highway Improvement Act, R.S.O. 1937, Chapter 56, and The Public Works Act, R.S.O. 1937, Chapter 54.

BETWEEN:

ALFRED J. DOW,

Claimant.

—and—

HIS MAJESTY THE KING, in right of the Province of Ontario, represented by the Minister of Highways for the Province of Ontario.

Respondent.

J. C. McRUER, Esq., K.C., —and— E. H. CLEAVER, Esq., K.C.,	Counsel for the Claimant,
G. W. MASON, Esq., K.C.,	Counsel for the Respondent.

DECISION OF THE BOARD

THIS IS AN APPLICATION pursuant to Section 79 of the Highway Improvement Act, R.S.O. 1937, Chapter 56, and was heard by the Board at the Court House, St. Catharines, on the 24th and 25th days of February, and at the Board's Chambers, Parliament Buildings, Toronto. on the 1st and 15th day of March and on the 1st, 2nd, 22nd and 23rd days of April, 1938.

The facts are as follows: The Claimant was the owner of five acres more or less in the Township of North Grimsby in the County of Lincoln, being composed of part of Lot Number 6 in the First Concession of the said Township more particularly described as follows, that is to say: COMMENCING at a point on the Easterly limit of the allowance for road between Lots Numbers Six and Seven in the First Concession of North Grimsby, said point being distant One Thousand Three Hundred and Twenty Six Feet and Nine Inches (1326′ 9″) measured Southerly along the Easterly limit of said road allowance from a stone monument marking the intersection of the Southerly limit of the said road allowance, said point also marking the South West Angle of the lands of one Herbert E. Barriger; thence South Eighteen (18) Degrees West and following the Easterly limit of said road allowance a distance of One Hundred and Sixty Four Feet and Nine Inches (164′ 9″) to the Northerly limit of the lands of one Macklem; thence south seventy-two degrees East (S.72°E.) a distance of One Thousand Three Hundred and Twenty-Six Feet and One Inch (1326′ 1″) to a stake planted in a division line between Lots Numbers Five and Six in the First Concession of the said Township; thence North Eighteen Degrees and One Minute East (N.18° 1″ E) and following along the aforesaid Division Line between the said Lots Numbers Five and Six, One Hundred and Sixty-Four Feet and Nine Inches (164′ 9″) to a stake; thence North Seventy-two Degrees West (72°W) One Thousand Three Hundred and Twenty-Six Feet and Four Inches (1326′ 4″) more or less to the place of beginning containing by admeasurement Five acres of land be the same more or less.

The Claimant purchased this property in the year 1915 for $5400. There was no building on the property but it was used as a fruit farm. In that year, the Claimant erected a house and barn with attached garage. He says that the house cost him $5,000.00 and the outbuildings about $1,125.00. He paid off the balance of the purchase money in that year, but in the cross examination he admitted that he had only a few dollars over the $8,000.00.

The property is situated about one-half mile from the Town of Grimsby, on an unimproved road, and is served by town water and electricity.

The claimant said that the soil was good sand soil six or seven feet deep, but in cross examination admitted that the rear portion was a heavier soil or what he called a sandy clay, through which there was a depression.

Part of this property, about three and a half acres, was first expropriated by the Department of Highways for the purpose of a new highway, and afterwards the Department expropriated the balance of the land.

The claimant offered in evidence certain records of sales of fruit and claimed by those records to have received over and above expenses about $1,100.00 per year, and capitalized the value of his property on that basis. The Board was not impressed by these records. He also made up his valuation by placing a value on each of the trees on the property, and this method does not impress the Board.

C. M. Bonham, a witness for the claimant, although he never examined the property carefully, and went to the property out of curiosity when the Department started work, claimed the farm to be one of the best in the Niagara Peninsula, and attempted to prove its value by what he claimed were the returns on his own property. He agreed to produce his records showing his returns, but this has not been done.

M. H. Lounsbury, a Real Estate Agent and Valuator, from Hamilton, valued the property as follows: House, $5,000.00, Outbuildings, $1,000.00, Development, $500.00, Land at $1,000.00 per acre, $5,000.00, planting at $800.00 per acre in addition, $4,000, a total of $15,500.00. He did not place a value on either of the two classes of soil on the farm, nor on the different classes of trees or vines, or their condition. He had not sold land in the vicinity, nor did he know of any sales. His estimate of value was placed, as he says, by years of experience, but admitted that he had no experience in dealing with this class of soil and planting.

The Assessment on the property is for buildings $1,600.00 and for land $1,500.00 making a total of $3,100.00.

For the Department, G. L. Sace valued the buildings at about $4,000.00.

H. E. Rose, a Real Estate agent from St. Catharines, who has had many years of experience in buying and selling this class of land, valued the buildings at $4,285.00 and the land at $2,500.00. J. E. Stork valued the buildings at $3,747.00 and the land as follows: 2½ acres at $650.00, $1,625.00, 2½ acres at $400.00, $1,000.00, being a total for land and buildings of $6,497.00.

During the course of the hearing, the Board was asked by Counsel for both parties to view the property and we have the advantage of a personal examination. Although the greater part of the trees and vines had been removed, evidence was given, and not denied, that the part removed compared favourably with the part which had been left.

We also had the advantage of seeing the property to the north of the claimant's land, 5 acres purchased by the Department in 1937 for $4,400 although the buildings on the land to the North do not compare with the claimant's buildings. We also saw the property to the south, which had planting very similar, and land very similar, but with buildings very much more valuable.

The law seems to be fairly well settled that:

"The value to be ascertained is the value to the seller of the property in its actual condition at the time of expropriation, with all its existing advantages and with all its possibilities, excluding any advantages due to the carrying out of the scheme for which the property is compulsorily acquired."

After hearing and carefully weighing the evidence adduced and after viewing the three properties mentioned, the Board finds that the value of the property of the Claimant taken by the Respondent, to the Claimant, including compensation for forcible taking, is in the sum of $8,000.00.

There will be no Order as to costs other than the Board's fees for law stamps which is $120.00.

Formal Order of the Board will issue upon the application of the Claimant in the sum of Eight Thousand Dollars ($8,000.00) with interest at five per cent. (5 per cent) from date of taking to the date of payment, and upon payment by the Claimant of the said Board's fees for law stamps.

DATED at Toronto this 16th day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7390

IN THE MATTER of "The Highway Improvement Act" (R. S. O. 1937, Chapter 56), "The Public Works Act," (R.S.O. 1937, Chapter 54), and Amending Acts and

IN THE MATTER of lands expropriated thereunder by Registered Plan No. 8185 for the County of Simcoe, dated October 10th, 1937.

BETWEEN:

JESSIE LAYCOCK Claimant

—and—

HIS MAJESTY THE KING IN RIGHT OF THE PROVINCE OF ONTARIO REPRESENTED BY THE MINISTER OF PUBLIC WORKS AND HIGHWAYS FOR THE PROVINCE OF ONTARIO

Respondent.

J. W. Carrick, Esq., and

C. F. Sanderson, Esq. .... Counsel for the Claimant

H. J. Sims, Esq., K.C. .... Counsel for the Respondent

DECISION OF THE BOARD

THIS IS AN APPLICATION pursuant to Section 79 of "The Highway Improvement Act," (R.S.O. 1937, Chapter 56), and was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto on the 4th and 13th days of May and the 6th and 13th days of June, 1938.

The Claimant was the owner of a parcel of land on Highway Number 11, being part of Lot 16, Concession 15, in the Township of West Gwillimbury in the County of Simcoe. The said parcel situated at the south-east corner of the junction of No. 11 Highway and Highway No. 9, leading to Lake Simcoe on the east and Cookstown on the west, was composed of an area approximately 100 feet by 110 feet. Situated upon the parcel was a frame building wherein light lunches and refreshments, etc., were served, and whereat gasoline pumps were installed.

It was admitted by all parties that the respondent had expropriated a strip facing Highway Number 11, 21 feet in depth, and had deepened the roadway at this point with the result that the said refreshment booth and gasoline stand was left on the top of the bank approximately 6 feet above the new level of the road and consequently incapable of being used for its original purpose.

The Claimant gave evidence to the effect that she had acquired the property from her father in 1932, and had built thereon a frame building consisting of a lunch room and bedroom, and in addition a kitchen. The Claimant's husband and her infant son lived on the premises. In addition to the above, on the site three gas pumps were installed, and gasoline was sold. She claimed that the land in question was worth $500, that the building, construction of drive-way, labour, miscellaneous expenses, bring the site to its state at the time of expropriation, and in the purchase of equipment, make a total of approximately $2,000.00. The premises were kept by the claimant until the fall of 1936, when they were closed. She rented them in April of 1937 for $200.00 and she stated that she had a later offer of $300.00 for them. The Claimant also gave evidence that the receipts of the business exceeded disbursements annually in amounts ranging from approximately $900.00 in 1932 to $1,000.00 in 1936.

The claimant stated that J. E. Hendricks had asked her in 1935 if she would take $3,000.00 for the place and that she had said "No." This was coroborated by the said J. E. Hendricks. The claimant's husband, C. H. Laycock, also gave evidence corroborating that of the claimant.

C. H. Knapton, valuator and builder, Toronto, stated that he believed the building to be worth $800.00 apart from the value of the land.

G. M. Lister, valuator, Toronto, stated that he had known the property since 1933 and submitted photographs showing the premises before and after the completion of the highway work. He estimated the value of the premises as follows: Land, $500.00, building $800.00, roadway and work in connection with the pumps and moving of the signs $269.00, total $1,569.00, also equipment, trees, etc., $357.50, for a final total of $1,926.50.

The claim as filed by the claimant was $2,000.00 for land and premises and $1,000.00 for business loss.

On behalf of the Department of Highways, evidence was given by W. B. Coles, Township Assessor, to the effect that the land in question was assessed for $50.00 and the buildings at $250.00. He stated that the land was assessed at 100 per cent. and the building assessment was 50 per cent. of the value.

J. A. McMillan of Willoughby and Company, Real Estate Agents of Toronto, have his opinion that it was not a first class service station site having regard to the location, and also to the fact that there was no water or toilet facilities on the premises other than two outhouses located at the rear of the lot. He valued the land at $100.00 and the buildings at $500.00, for a total of $600.00 before the taking, and stated that the expropriation of the 21-foot strip had reduced the value of the land and buildings to $65.00, a loss of $535.00. He gave evidence of value of certain other gas stations in the vicinity.

C. L. Syce on behalf of the Department of Highways valued the property at $556.00. N. L. Richardson of the said Department, stated that the claimant had been offered $800.00 on April 5th, 1938, which was refused. A later offer of $1,200.00 had been made, but the same had been withdrawn before acceptance.

The Board after consideration of the evidence and after viewing the premises, is unable to agree with the claimant's contention. It was noted that no sales of comparable property were offered in evidence on her behalf, and the conclusion is that there were none to substantiate her claim. In the opinion of the Board there is no claim for loss of business at the time of taking, particularly since the claimant was not carrying on the business at that time. The Board is unable to agree with the claimant's contention that she should be compensated for her expenditure on equipment.

The Board is also unable to agree with the contention of the witness Lister that the value of the land apart from the building was in the sum of $500.00, particularly since no evidence supporting this claim was offered.

The Board feels that the value of the property at the time of taking, was $1,000.00 and since it is generally admitted that there was almost complete depreciation, it is prepared to Order that compensation be paid in the said sum of $1,000.00, together with interest at 5 per cent. from date of taking to date of payment. In the opinion of the Board, the circumstances do not warrant the granting of 10 per cent. to the claimant for forcible taking. Each party shall pay its or her own costs.

Formal Order of the Board will issue upon application of the claimant, and upon payment of the Board's tariff fees for Law Stamps hereby set at the sum of $25.00.

DATED at Toronto, this 29th day of September, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commisisoner.

P.F.A.-7002

IN THE MATTER of "The Highway Improvement Act" (R.S.O. 1937, Chapter 56, Section 79) (formerly section 77a), and

IN THE MATTER of the Claim of Reeta Rogers for compensation against the Department of Highways of the Province of Ontario for an alleged damage to certain lands, being part of Lot 240 in the Township of Thorold in the County of Welland and compensation for loss of an exclusive right of way adjacent thereto.

J. W. McManamy, B.A. .... Counsel for the Claimant

H. J. Sims, K.C. .... Counsel for the Respondent

JUDGMENT

This Application was heard by D. S. Charlton, and W. P. Near, Vice-Chairman and Commissioner of the Board respectively, at the Court House in the City of Welland, on Monday the 25th day of October, A.D. 1937.

The facts are as follows:

By instrument dated the 18th day of June, 1930, (being exhibit 2 herein), Milan A. Rogers, his wife Cora O. Rogers, joining to bar her dower and one Mary Rogers, a widow, joining to convey her interest, conveyed to Harry W. Rogers, who subsequently became the husband of the Claimant, a 45′ x 150′ parcel of land together with a right of way for the exclusive use of the grantee over the 35′ parcel immediately adjacent to the above parcel on the west. The property in question is situated on the north side of the Thorold Road, now known as King's Highway No. 3, in the Township of Thorold, immediately outside the City limits of Welland, at a point approximately opposite the intersection of Niagara Street and the said King's Highway. The said Harry W. Rogers as Grantee, signed the conveyance.

The conveyance purports to be in pursuance of the Short Form of Conveyance Act, in fee simple, of the above 45′ parcel, together with the 35′ right of way. Then follows the habendum with reservations as usual to the Crown. In addition to the usual covenants are the following:—

(4) "And the parties hereto do respectively covenant and agree with the other that they will observe the stipulations, instructions and provisions contained in the following covenants and that they will execute and have executed by the purchaser or purchasers a like covenant to the same effect in every conveyance by him, her or them respectively to any purchaser so that all persons hereinafter holding or claiming under the parties hereto shall be bound to observe the said covenant."

(5) "The grantee covenants that the lands described shall not be used for any other purposes save the erection of a dwelling house or dwelling houses on the said lands and any proper garage or other buildings that usually go with a private dwelling house."

(6) And the said Grantors covenant with the said grantee that they will not cut down trees on the said right of way

(7) "And the said Grantee covenants with the said Grantors that if at any time the grantors decide to open the said right of way, together with the adjoining 31' on the west side of the right of way, as a public highway, then, on 30 days' notice and the opening of the highway, all the interest of the grantee in the right of way shall cease and terminate."

(8) "The benefit and obligations of the covenants herein contained shall be binding upon the parties hereto, their heirs, executors, administrators and assigns."

Harry W. Rogers signed the conveyance as Grantee in the offices of Raymond, Spencer, Law & Burr, Solicitors, Welland, in the presence of the Grantors, and at that time asked the solicitors to hold the instrument. A few months later, he married the Claimant, went to the solicitor's offices and asked that the words "Reeta Rogers, wife of" be inserted above his own name in the Deed. This was done and initialled by one Jean Forres, a stenographer, who had witnessed the execution of the conveyance by Milan A. Rogers, and Cora, his wife, Mary Rogers, widow, and Harry W. Rogers on June 18th, 1930 and whose Affidavit of Execution had been sworn by Mr. Spencer on that date. Harry W. Rogers, husband of the Claimant then took the conveyance and registered it in the Registry for the Registry Division for the County of Welland on the 26th November, 1930, as No. 12444. Accordingly the registered owner of the property is Reeta Rogers.

A substantial house was built on the 45′ parcel shortly after this, was lived in by the claimant and her husband until 1934, at which time it was rented to a tenant and has so continued to the date of the application.

In October, 1936, Milan A. Rogers sold to the Department of Highways a 66′ strip of land composed of the 35′ strip in question and an additional 31′ strip immediately adjacent on the west, to be used as a Highway.

Notice, purporting to be in pursuance of the power in the conveyance was given by the Grantor, Milan A. Rogers, to the Claimant's Solicitor on the 27th April, 1936, although it is admitted that agents of the Department did enter upon the 35′ right of way in September, 1936 and proceeded to cut down trees and to do other work thereon at that time. The Claimant accordingly asks compensation for:

1. Damages and depreciation to her house and land, being the 45′ parcel purchased in 1930, upon which the house was later built.

2. For the loss of the said exclusive right of way over the 35′ parcel.

3. For trespass by the agents of the Department over the said 35′ parcel from the period of September, 1936, to May 26th. 1937, the said later date being one month after notice was first served upon the Claimant by Milan A. Rogers.

The Board has no hesitation in dismissing the Claimant's claim for damages to her own property, consisting of the original 45′ parcel upon which a house was built as this parcel was untouched by the Respondent in its operations. It is no doubt true that the loss of additional grounds and trees and the shade afforded thereby, contained in the adjacent 35′ right of way, makes the remaining property less attractive. The fact remains however, that the Claimant whom the Board is satisfied is the owner of the said 45′ parcel by virtue of the 1930 conveyance, was given by that conveyance a "right of way—for the exclusive use of the Grantee—over and along the strip of land 35′ wide"—"Nothing more, nothing less." The fact that she enjoyed for some years the privilege of the trees, shade and appearance next to her own property, by virtue of the covenant by the grantor, not to cut down trees, does not entitle her to compensation when the Grantor or an assignee of the Grantor is freed from the said covenant and ends the existence of the said privilege. The Board is furthermore of the opinion that the placing of a highway next to the claimant's land, but without any severance of same, does not in itself give rise to any claim for compensation.

The question of compensation for the loss of the right of way presents much more difficulty. It is contended by the Counsel for the Claimant that since the grantee did not sign the conveyance that she is not bound by the conveyance whereby it is stated that all interest of the Grantor shall cease on the giving of thirty days notice and that she is not bound in any event because the Grantor purports to derogate from his grant of an exclusive right of way.

The Board is unable to subscribe to this contention and believes the following statement from 3 C.E.D. 550, to be in point: "If the later clause does not destroy but only qualifies the earlier then the two are to be read together and the effect is to be given to the intention of the parties as disclosed by the deed as a whole."

The evidence of Harry W. Rogers, which he gave fairly and frankly, together with that of Milan A. Rogers, clearly established that there is no dispute as to what was in the minds of the parties at the time of the conveyance, and to allow a complete change to be made by one party substituting another for himself, after execution, and before delivery of any instrument would be in the opinion of the Board contrary to the established principles of equity. The claim for compensation for the loss of the right of way is accordingly dismissed.

The Claimant's claim for damages for loss of the use of her exclusive right of way over the period from September, 1936 to May 26th, 1937, is in the opinion of the Board to some extent justified. She was the sole person other than one by her permission, entitled to use the said right of way until her right was terminated in the manner provided in the conveyance and was entitled to the existence of trees on the said right of way until the covenant became inoperative. The giving of notice was the manner provided and it is admitted that this was not actually done until April 26th, 1937, to be effective May 26th, 1937. Accordingly the agents for the Department of Highways deprived the Claimant of an exclusive right of way to which she was entitled during the said period.

The Board is satisfied that the agents of the Department of Highways endeavored to the best of their ability and to a degree beyond that which they were obliged, to take care of the Claimant's own property in the course of the construction work. Aside from any such care that may have been taken however, the Claimant is entitled to the sum of $100.00 as compensation for the loss of her exclusive right of way and the loss of the use of the trees during the above period.

The Board's Order will issue accordingly upon the application of the Claimant and payment of the Board's tariff fee of $15.00 for Law Stamps.

The Claimant is entitled to payment of her solicitor's costs which are hereby fixed in the sum of $65.00, including the fee of $15.00 for law stamps on the Order to be issued as above stated.

DATED at Toronto. this 23rd day of March, A.D. 1938.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7186

IN THE MATTER of "The Highway Improvement Act" Section 79, Chapter 56, R.S.O. 1937

D. S. CHARLTON, ESQ.,
Vice Chairman,

W. P. NEAR, ESQ., B.A.Sc.,
Commissioner.

Saturday, the Fifth Day of February, 1938.

BETWEEN:

LORETTA MAY MINNIE SHERIDAN,
Claimant.

—and—

HIS MAJESTY THE KING as represented by the Honourable the Minister of Highways for the Province of Ontario.
Defendant.

THIS matter coming on for trial the 17th day of December, 1937, before the said Board at a Sittings held at the City of Toronto in the presence of D. W. Lang, K.C., Counsel for the Claimant, and H. J. Sims, K.C., Counsel for the Defendant, upon hearing read the claim for compensation of the Claimant and hearing the evidence adduced and what was alleged by Counsel aforesaid, the Board was pleased to direct this matter to stand over for judgment and the same coming on this day for judgment.

1. THE BOARD doth order and adjudge that the Claimant be awarded the sum of Two Thousand Dollars as compensation for the lands and buildings thereon, the property of the Claimant, expropriated by the Defendant on the 18th day of July, 1936, such lands being all and singular that certain parcel or tract of land and premises, situate, lying and being in the Township of Trafalgar in the County of Halton and Province of Ontario containing by admeasurement one quarter of an acre be the same more or less being composed of part of an allowance for a road between the second and third Concessions and a part of Lot Number Thirty-one in the Third Concession south of Dundas Street in the said Township of Trafalgar and is butted and bounded as follows: Commencing at the intersection of the north-westerly limit of the road allowance between the second and third concession with the top of the north bank of the twelve mile creek; thence north thirty-eight degrees east one chain and sixty links more or less to the allowance for road between Lots Number Thirty and Thirty-one; thence south forty-five degrees east along the said allowance for road two chains and sixty-nine links; thence south thirty-eight degrees west twenty-five links to the top of the northerly bank of the twelve mile creek; thence westerly following the said top of the north bank of the twelve mile creek to the place of beginning. The amount as aforesaid is to include compensation for forcible taking.

2. AND THE BOARD doth further order and adjudge that the Defendant do pay the Claimant interest on the said sum of Two Thousand Dollars at the rate of five per cent. per annum from the 18th day of July, 1936, until payment thereof.

3. AND THE BOARD makes no Order as to costs.

(sgd.) D. S. CHARLTON,
Vice Chairman.

SEAL

P.F.A.-7457

IN THE MATTER of "The Niagara Parks Act," (R.S.O. 1937, Chapter 93, Section 6).

AND IN THE MATTER of "The Public Works Act" (R.S.O. 1937, Chapter 54, Section 28).

AND IN THE MATER of the Expropriation by the Niagara Parks Commission of part of Lot No. 17 in the Township of Niagara, in the County of Lincoln, Province of Ontario.

BETWEEN:

CLARK SHIPSTON,

Claimant,

—and—

THE NIAGARA PARKS COMMISSION

Respondent.

A. L. Reid. Esq., K.C.,
A. L. Brooks, Esq., K.C., Counsel for the Claimant.

G. W. Mason, Esq., K.C., Counsel for the Respondent.

In the year 1928, the Niagara Parks Commision expropriated part of Lot Number 17 in the Township of Niagara in the County of Lincoln and Province of Ontario. described as follows:

"COMMENCING at the point of intersection of the southerly boundary of Lot 17 with the easterly boundary of the proposed Niagara River Parkway. THENCE North 88 degrees and 52 minutes East, 106 feet to the westerly boundary of the Chain Reserve along the Niagara River. THENCE Northerly in and along said boundary of the Chain Reserve to the boundary between the lands herein being described and the lands of W. G. Moncrief. THENCE South 88 degrees and 30 minutes West in said last mentioned boundary 148 feet to the easterly boundary of the proposed Niagara River Parkway. THENCE along a curve to the left, having a radius of 758 and 38 hundredths feet. THENCE South 12 degrees and 5 minutes East in the boundary of the said Parkway, 580 and 97 hundredths feet. THENCE along a curve to the left, having a radius of 754 and 76 hundredths feet, 81 and 87 hundredths feet more or less to the point of commencement."

the part being expropriated containing about two and one-half acres and being the property of Clark Shipston, the Claimant. The fixing of the compensation to be allowed to the Claimant was referred to this Board and came up for hearing at the Court House, in the City of St. Catharines on the 29th and 30th days of June, A.D. 1937.

The Claimant purchased the whole farm containing 84 1-3 acres in the year 1920 for the sum of $12,000, the property having been first offered for sale under his mortgage and afterwards purchased by the Claimant. The price paid is not an indication of the real value of the said farm.

The Claimant said that he had purchased the land with the idea of making it into a gentleman's estate, and that he intended to build three houses along the bank of the river, on the east side of the road, which is now taken over as a highway and belongs to the Niagara Parks Commission. The farm is beautifully situated, the main part of the farm with buildings being on the west side of the roadway, and the land expropriated on the east side of the roadway. Of this two and one-half acres, not more than one-half acre is level land on a level with the roadway, and on no part of this one-half acre is there sufficient room to build a house. The rest of the land slopes gradually to a chain reserve along the Niagara River, and from the chain reserve easterly there is a marsh filled with reeds extending out into the river. When examining the property, the Board noticed that some person had cut a way through the reeds out into the river so as to move a boat back and forth.

The Board is of the opinion that it would be impracticable for anyone to satisfactorily build a house on the slope, and if a house sufficiently high so as to get the benefit of some breeze were built, it would be of very great detriment to the value of the land owned by the Claimant on the west side of the road.

In 1922, the house on the farm situated on the west side of the road, was burned down. At the time there was a mortgage for some $10,000 against the property. The Claimant built a new house at a cost of about $11,000, but he built it on the west side of the road. He says that this was built for the farmer.

R. B. Irwin, a civil engineer called by the Claimant, said that it would be physically possible to build a house below the bank but he would advise heavier sills and reinforcements so as to provide against slipping. Messrs. Trapnell and Craise, both called by the Claimant, visited the property and made their valuations together, and as a result, their valuations are identical. They valued the 84½ acres at $24,140 before the expropriation. After the expropriation they valued the balance of the land at $19,300 leaving $4,840 as the value of the land expropriated. They then claimed that the 11 acres along the front of the remaining land, had been depreciated $2,000 by reason of the land across the road being taken away. We do not follow the reasoning of these witnesses in this matter, as if the value after expropriation was $19,300, the difference would include the $2,000. These two witnesses also claimed that the land expropriated was worth $400 an acre and that the trees increased the value of this land by $1800. These witnesses also said that they would not place any value on this property as building sites. They admitted that the scenic beauty which it added to the property on the west side of the road, has lost no value in being expropriated by the Commission. They also admitted that by reason of the expropriation by the Niagara Parks Commission for the purpose of a park, the owner of the property on the west has benefitted by reason of the fact that he would not have to pay taxes on this land, that the land will be kept clean and cared for at no expense to him, and that he will still have the benefit of the scenic beauty of the trees and the river beyond.

The Board had the privilege of seeing the land in question, and saw that there were no trees on the portion of the land expropriated on a level with the roadway, but that there were some fine trees on the bank, the tops of which showed from the roadway.

Mr. Rose called by the Respondent, says that he purchased the balance of the property on the east side of this highway for the Department in 1926, that he valued the land at $200 an acre, that in some cases the properties were much more valuable than the property of the Claimant by reason of the greater width on the level with the roadway, and although he in some cases paid more than $200 per acre, such amount was paid for the purpose of getting rid of expropriation proceedings and the cost of arbitration. Mr. Rose has had a great deal of experience in purchasing and selling lands of a similar character.

Mr. Stork who has also had a great deal of experience in this class of property, places the value at $330 per acre because that was the average paid for lands along the east side of this road, but he said that he would not have placed this price on the lands had it not been for the prices paid for the other lands.

Mr. Richardson who has been the purchasing agent for the Department of Highways for many years, on June 23rd, 1938, made an offer of $1150 for the property. That offer has not been withdrawn and although the Board feels that it is more than should be allowed for the property, the Claimant will be allowed the sum of $1150 with simple interest from the date of expropriation at the rate of 5 per cent.

There will be no costs of the arbitration to either party.

Formal Order of the Board will issue upon the application of the Claimant, and upon payment by the respondent of the said Board's fees for law stamps.

DATED at Toronto this 2nd day of August, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner,

MAINTENANCE OF BRIDGES

P.F.A.-6832

IN THE MATTER of Section 458 of "The Municipal Act," and

IN THE MATTER of Section 5 of "The Township of East York Act, 1937," being Chapter 88, Ontario Statutes, 1937, and

IN THE MATTER of the Application of the Corporation of the Township of East York for a declaration that the "East York-Leaside Viaduct" shall be assumed by the County of York as a County Bridge, or failing such declaration, for the fixing by the Board of the proportions of the cost of maintenance as between the Township of East York and the Town of Leaside.

J. Earl Lawson, K.C.	Counsel for the Township of East York
J. D. Lucas	Counsel for the County of York
H. E. McKittrick	Counsel for the Town of Leaside

DECISION OF THE BOARD

This Application was heard by D. S. Charlton, and W. P. Near, Vice-Chairman and Commisioner of the Board respectively at the Board's Chambers on Monday the 29th day of November, 1937. Subsequently representations were made to the Board that there was a possibility of the parties hereto reaching an agreement. No such agreement has been forthcoming and the Board is accordingly issuing its Decision.

The bridge in question was built in 1927 under the provisions of "The East York-Leaside Viaduct Act" whereby the Town of Leaside, the Township of East York, the City of Toronto, the York Land Company, the Province of Ontario and the County of York agreed and were authorized to provide moneys in varying amounts for the construction of same. Whether by inadvertency or intent, no provision was made for maintenance.

In 1937 steps were taken by the Applicant to obtain legislation requiring the Town of Leaside to contribute to the cost of maintenance of the bridge. This was granted in "The Township of East York Act, 1937," Chapter 88, Section 5, the proportionate contribution to be determined by the Board.

However, by subsection 3 of section 5, it was expressly provided as follows:—

"Notwithstanding the provisions of section 458 of The Municipal Act any application by either the corporation of the town of Leaside or the corporation of the township of East York for the purpose of having the said viaduct, subway and undertaking or any part thereof declared to be a county bridge shall be made to the Ontario Municipal Board and not to a judge of the county court of the County of York, but otherwise the provisions of the said section shall apply as if the same provided for applications thereunder being made to the said Board."

Accordingly, the present application by the Township is in the alternative, firstly to have the bridge declared a county bridge under the provisions of section 458 of "The Municipal Act" 1927, as varied by section 5, subsection (3) of the said "Township of East York Act, 1937" chapter 88 and failing that for an Order pursuant to section 5, subsection (1) of the said "Township of East York Act," declaring the proportions in which the cost of maintenance shall be borne by the applicant corporation and the Town of Leaside, the only two corporations or parties recited therein.

Section 458 of "The Municipal Act" R.S.O. 1927, Chapter 233 (now R.S.O. 1937, Chapter 266, Section 469) subsections 1-5 inclusive, is as follows:

(1) A bridge of a greater length than 300 feet in a town having an equalized assessment of less than $1,000,000 or in a township may, on the application of the council of such town or township, be declared to be a county bridge where

(a) It is used by the inhabitants of other municipalities.

(b) It is situate on an important highway affording means of communication to several municipalities; and

(c) On account of its length and for the reasons mentioned in clauses (a) and (b), it is unjust that the burden of maintaining and repairing it should rest upon the corporation of the town or township.

(2) An Order declaring the bridge to be a county bridge may be made by a judge of the county court of the county in which it is situate, on the application of the council of the town or township.

(3) Notice of the application shall be served on the corporation of the county, at least thirty days before the day on which it is to be made.

(4) Each corporation shall be entitled to be represented by counsel on the hearing of the application, and the evidence may if the judge sees fit, and shall if either party so requests, be given under oath.

(5) If the judge is of the opinion that for the reasons mentioned in subsection 1, the bridge should be declared to be a county bridge, he shall by his order so declare, and in that case he shall determine whether the expense of maintaining and repairing the bridge shall be borne by the corporation of the county or partly by it and partly by the corporation of the town or township, and if he determines that it should be born partly by each, he shall fix the proportions in which the expense is to be so borne, and his declaration and the determination shall be embodied in the order.

Notice was duly served and the application came on for hearing on the date recited above. Evidence for the applicant was given by R. J. G. Jack, Commissioner of Works for the Township of East York. The original plans, estimate of costs, actual costs, with the amounts contributed by the various parties and a census of traffic, together with an estimate of maintenance costs, were filed by him.

On cross-examination by Counsel for the County he admitted that the applicant had been the originating party in the building of the bridge, but contended that it was so only in a technical sense and that the bridge had been built as the result of an agreement and that the applicant was the vehicle by which the agreement was carried out.

Evidence was given by D. E. Crawford on behalf of the Town of Leaside that he had taken a traffic count and that he had subsequently ascertained the place of registration of the vehicles in the count. This was taken on the 8th and 9th of October, 1937 and was as follows:

City of Toronto	67.90%
Township of East York	11.00%
Town of Leaside	5.59%
Township of Scarborough	1.99%
Township of York	1.80%
Township of North York	1.20%
Village of Forest Hill	.84%
Other parts of County of York	2.40%
Other parts of Ontario	8.00%
Outside Ontario	.48%

H. C. Rose and R. W. Phillips gave evidence on behalf of the County, including the dimensions of the bridge, approaches and circumstances surrounding the originating of the building of the bridge.

It was argued by Counsel for the applicant and by Counsel for the Town of Leaside that the requirements set out in section 458 (1) of "The Municipal Act" namely:

(a) It is used by the inhabitants of other Municipalities;

(b) It is situate on an important highway affording means of communication to several municipalities; and

(c) On account of its length and for the reasons mentioned in clauses (a) and (b), it is unjust that the burden of maintaining and repairing it should rest upon the corporation of the town or township.

had been shown to exist.

Counsel for the County submitted that this was not the case and that section 51 of "The Local Improvement Act" was a bar to the relief argued under section 458 of "The Municipal Act."

The Board is unable to agree with the said submissions of Counsel for the County and agrees with the contention of Counsel for the Applicant and the Town of Leaside.

In the Board's opinion the situation described in section 458 (a), (b) and (c), of "The Municipal Act" has been established and accordingly is prepared to declare the same a County bridge and Order that the expense of maintaining and repairing the bridge shall be wholly borne by the Corporation of the County of York.

The Board having granted the application under section 458 of "The Municipal Act" as varied by section 5 (3) of "The Township of East York Act" (S.O. 1937), the alternative application under the said Act is automatically withdrawn.

Formal Order will issue upon the application of the applicant and upon payment of the Board's tariff fees for Law Stamps in the sum of $25.00.

There will be no order as to costs herein.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

DATED at Toronto this 15th day of July, A.D. 1938.

P.F.A.-7240

IN THE MATTER of "The Municipal Act" subsection (3), Section 348, (R.S.O. 1937, Chapter 266)

BETWEEN:

THE CORPORATION OF THE VILLAGE OF FOREST HILL

Applicant,

—and—

W. R. WORTHINGTON et al, and THE TRUSTS AND GUARANTEE COMPANY, (TRUSTEE OF SAVOY GARDENS LIMITED)

Respondents.

Melville Grant, Esq., K.C.,	Counsel for Applicant
Egerton Lovering, Esq., K.C.,	Counsel for Respondents (W. R. Worthington et al)
Grant Gordon, Esq.,	Counsel for Trusts and Guarantee Company
H. G. Angar, Esq., K.C.,	Counsel for Lillian Lucas

This is an application to repeal by-law number 578, passed on the 23rd day of July, 1931, and is made pursuant to Section 348 (3) of "The Municipal Act" which reads as follows:

> "Such by-law shall be binding upon the corporation and shall not be repealed or altered except by a vote of two-thirds of the members of the council and with leave of the Municipal Board, such leave to be granted the corporation only for exceptional reasons not apparent or existing when the by-law was passed and after hearing the owners of the lands proposed to be taken and on such terms as the Board may determine in regard to the revesting of the land taken and the payment to each owner of the damages, if any, sustained by him in consequence of the passing of the by-law or of so much of the by-law as is proposed to be altered and his costs."

The facts are as follows: The said by-law was passed on the above date, whereby certain lands were expropriated for the purpose of establishing a highway between Eglinton Avenue and Bathurst Street from a point in Eglinton Avenue due north of Vesta Drive. The Corporation, by virtue of the power authorized by Section 348 of "The Municipal Act" provided that entry thereon be deferred to the 24th of July, 1934.

The project has not been proceeded with by the Corporation and it now asks that the Board consent to repeal of the said By-law upon such terms as to compensation as the Board may direct, pursuant to "The Municipal Act," Section 348, Subsection 3.

Counsel for the applicant admitted that the Board's power to allow repeal could be exercised only when it was able to find "exceptional reasons, not apparent or existing when the by-law was passed," for such repeal. It was contended that the subsequent and present existence of a highway from Eglinton Avenue to Bathurst Street via Mayfair Road and Shallmar Boulevard, which route was made possible by the removal of the Bridge over the Belt Line Railway, on Bathurst Street, was one factor which would bring the application within the said subsection (3). It was also put forward that the Corporation did not now wish to undertake the expense involved and were not now as able to do so financially as at the time of the passing of the by-law.

Counsel for the respondents contended that neither of the above mentioned conditions were "exceptional reasons not apparent or existing when the by-law was passed." It was also stated that arbitration proceedings were commenced between the parties and compensation would be payable by the Corporation in any event, in one case by the award of the Board of Arbitrators appointed pursuant to section 348 (12) of "The Municipal Act" and in the other case, by the Board, as provided in section 348 of the said Act.

The Board after due consideration is, however, unable to find that the submission of the applicant brings it within the section and accordingly would dismiss the application.

Formal Order of the Board will issue upon application of any one of the Respondents, and upon the payment of the Board's fee of $15.00 for law stamps.

Costs in the said sum of $15.00 to the Respondents.
DATED at Toronto this 4th day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

ASSESSMENT APPEALS

P.F.A.-7245

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

DENTON MASSEY, et al,

Appellant,

—and—

THE CORPORATION OF THE TOWNSHIP OF EAST YORK

Respondent.

(Appeal re Crescent School Property)

H. E. Manning, K.C. .... Counsel for Appellant

K. V. Stratton, K.C. .... Counsel for Respondent

DECISION OF THE BOARD

This is an appeal from the Decision of His Honour, Judge Barton, wherein he reduced the assessment on the property known as Dentonia Park from $38,100.00 on the land and $40,000.00 on the buildings, to $25,400.00 on the land and $25,000.00 on the buildings. The total present assessment is accordingly $50,400.00.

The facts are unusual, in that although the property in question is used for school purposes, and ordinarily would be exempt from taxation, it is decreed by the Township of East York Act, 1937, that the said property shall not be so exempt.

The evidence showed that the property consisted of twenty-five acres and an expensive building which was formerly used as a private house.

After duly weighing argument ably put before the Board by both Counsel, the Board is unable to find that the present assessment of $50,400.00 is excessive and accordingly the appeal is hereby dismissed.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

DATED at Toronto this 3rd day of May, A.D. 1938.

P.F.A.-7224

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

FORT WILLIAM COAL DOCK COMPANY, LIMITED

Appellant,

—and—

THE CORPORATION OF THE CITY OF FORT WILLIAM,

Respondent.

ASSESSMENT APPEAL

J. L. McComber, Esq.	Counsel for Appellant
F. R. Morris, Esq., K.C.	Counsel for Respondent

This is an Appeal by the Fort William Coal Dock Company, Limited, from the Judgment of His Honour Judge McKay, County Court Judge, confirming the Judgment of the Court of Revision, before this Board at Fort William on Wednesday, the 22nd day of June, 1938.

The Company was assessed for a block of land on the Mission River having an acreage of 12.93 acres and a frontage on the river of 600 feet, another block of land on the Mission River containing 19.63 acres, and for additional leased lands to the rear of the River Frontage containing 8.33 acres. The Company carries on a business as a forwarder of coal, and in connection with their business have coal docks, power house, power machinery, oil tanks, railway sidings and railways, and other buildings for offices, workshops, etc.

Evidence was given on behalf of the Company by Mr. S. R. Freed, the manager of the company since 1936, who explained to the Board the holdings of the company and the business carried on. In cross-examination he admitted that the original cost of the plant and buildings as of December, 1932, was $1,269,944.50, and that on May 10th, 1933, an option was given for $265,000.00 for the plant. The option was not exercised, and in 1937 a new dock was built at a cost of $49,147.00. The Company has free switching to both railways. H. Kirk, the superintendent of docks for the company, explained the construction of the docks and that they were in a poor condition. Williamson, an electrician, spoke of the generators and convertor being not modern, and some of them being worn out, but none of these witnesses spoke of the value of the premises, or gave any figures as to the present day value. The only evidence offered as to value by the company, was by N. T. Owens, a real estate operator, who said that the property was not easily accessible for the workmen, and that the buildings and docks were not in good repair, that there was no market for industrial properties today, but that in his opinion by reason of the fact that many industrial properties and sites for industrial purposes, were being taken over by the different municipalities for taxes, that in his opinion the property was worth not more than $800.00 per acre. He had nothing on which to base the value he placed on these lands. The Company did not give any evidence as to the value of the buildings so that the appeal so far as the assessment of the buildings at $45,000.00, must be dismissed.

For the defence, G. R. Davidson, an electrical engineer and licensed realtor, residing and carrying on business in Fort William, gave evidence as to some sales of properties between 1935 and the present time, showing that the price received for industrial sites in and around Fort William, was around $1000.00 per acre. He gave a list of sales and his evidence by reason of the fact that he referred to sales of properties in the neighborhood within a reasonable time before the appeal came on before this Board, has been given much weight by the Board. He says that the property in question is worth $13.00 per foot frontage or $750.00 per acre. The assessment for 32.56 acres owned by the company, and for 8.33 acres leased by the company on which they have agreed to pay the taxes, is $28,000.00, and the Board finds that the assessment under the circumstances must be confirmed and the appeal dismissed.

There will be no costs to either party.

DATED at Toronto this 26th day of September, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commisioner.

P.F.A.-7451

IN THE MATTER of Section 84 of "The Assessment Act," (R.S.O. 1937, Chapter 272)

BETWEEN:

THE OSHAWA RAILWAY COMPANY,
Appellant,

—and—

THE CORPORATION OF THE CITY OF OSHAWA,
Respondent.

J. P. Pratt, Esq., K.C.	Counsel for the Appellant
T. K. Creighton, Esq.	Counsel for the Respondent

DECISION OF THE BOARD

AN APPEAL by the Oshawa Railway Company from the Judgment of His Honour Judge Coleman, Judge of the County Court of the County of Ontario, dated the 6th day of April, A.D. 1938. The Appeal came on for hearing before this Board on Tuesday, June 7th, 1938, at the City of Oshawa.

The Appellant's main contention was in regard to the assessment, first, of the property on Hillcroft Street which was assessed at $79,590, made up as follows:

Land	$ 3,375.00
Buildings	60,300.00
Business	15,915.00

and secondly the property on Simcoe Street which was assessed at $53,130.00 made up as follows:

Land	$ 30,700.00
Buildings	22,420.00

In 1936 the assessment of the Hillcroft property for 1937 tax year was $38,925.00 made up as follows:

Land	$ 2,600.00
Buildings	28,540.00
Business	7,785.00

there having been an increase on the assessment of the land in 1937 of $775.00, and an increase in the assessment of the buildings for 1937 of $31,760, and the resulting statutory increase on business assessment of $8,130.00. The assessment on the Simcoe Street property in 1936 for the 1937 tax year, was for:

Land	$ 20,420.00
Buildings	11,875.00

being an increase in 1937 over 1936 on the assessment of the land of $10,280.00 and an increase in the assessment of the building of $10,545.00.

The appellant contended that part of the Simcoe Street property should not have been assessed as it does not come within the exception of station, freight sheds, offices, warehouses, elevators, hotels, round houses and machine repair and other shops, and contends that the rooms now being used as a store room, crew room, sub-station, section used for storing spare equipment, the basement of the sub-station, boiler room, vault for storage purposes, and basement of the store room, are exempt. The building on Simcoe Street in which most of these rooms referred to by the appellant, are contained, is used as a station, freight shed, offices, machine shop, and some parts of it are being rented to other corporations, and the Board finds that they are not exempt from taxation.

It was contended by the appellant that as the buildings had been assessed in 1936 for 1937 taxes, no change could be made until 1941 by reason of Section 44 of

The Assessment Act, (R.S.O. 1937, Chapter 272). The reason for claiming that the five year period should start at 1936 instead of at some earlier time, was not given by the appellant. The Board is unable to agree with the contention of the appellant on this point.

The respondent claims that the appellant was not justified on its appeal in tendering evidence as to value, by reason of the fact that in its appeal from the Court of Revision to the County Judge, no evidence was offered as to value, and that the whole appeal was put in by written argument for both the appellant and respondent. With this contention the Board is unable to agree and holds that the appeal both to the County Judge and to this Board, is in the nature of a new trial, that the appellant is not limited to use of the witnesses which it tendered on any of the proceedings, and that it is allowed to tender such evidence as may be advised, on any of the appeals from the assessment.

The appellant also contends that the building situate on the Hillcroft property, is not suitable for the present operations. It was built in 1929 at a cost exceeding $81,000. There is no doubt that during the past few years at least, some of the traffic on which the company depends has fallen off by reason of existing conditions, but the building is still used for the purposes for which it was built.

The appellant called, as his first witness, Mr. Luke, an assessment commissioner for the City of Oshawa, who in 1937 had been engaged by the City of Oshawa with others, to equalize the assessment in Oshawa. These commissioners did their work in 1937, and their report was made to the council before the assessment for 1938. In reviewing the evidence of Mr. Luke, it must be kept in mind that although he was assessment commissioner for Oshawa, he was called as a witness for the appellant, and as such witness gave his opinion as to the valuations of other properties in the vicinity of both of the appellant's properties, and the valuation of the properties in question. He said, "there has been few sales of land in the business section of Oshawa for some years," and that he arrived at the valuation of the appellant's property by a process of deduction, by capitalizing the building from the rent basis, sales of property and tracking them down, and says that the valuations finally arrived at, were made by the Board of Assessors comprised of Joseph B. House of the Citizen's Research Institute, and two other men including the Number One real estate man of Oshawa. He says that in some sections of the City of Oshawa, properties were being assessed at from 45% to 50% of what the property was selling for, and that the prosperity of Oshawa is influenced more or less by the prosperity of one or two industries. In his opinion, the value of the Hillcroft building to the company would be $60,300. The Board was very much impressed by the manner in which he and the other assessment commissioners had fixed the valuations in the City of Oshawa, and the details given by him.

Mr. McLaughlin, called by the appellant, a real estate broker and valuator of the City of Toronto, valued the Hillcroft property as being a building which must be converted into a manufacturing building at much expense, as did Mr. R. S. Disney, who was called by the appellant.

The witnesses called by the respondent, upheld the evidence given by Mr. Luke as to valuation.

The Board finds that the appellant has not satisfied the Board that the assessment is too high, and the appeal is therefore dismissed.

DATED at Toronto this 24th day of February, A.D. 1939.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commisioner.

P.F.A.-7270

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272), and

IN THE MATTER of the Appeal of the Hon. G. N. Gordon, K.C., a ratepayer of the City of Peterborough, against the assessment of the DeLaval Company, Limited for the year 1937.

Hon. G. N. Gordon ....(Appellant) in person
J. R. Corkery .... Counsel for the City of Peterborough
F. D. Kerr, K.C., and
H. J. McLaughlin .... Counsel for the Respondent

JUDGMENT

The grounds of the appeal are as follows:

1. That the assessment is too low,

2. That the by-law purporting to give a fixed assessment to the said company is a renewal of a fixed assessment and is contrary to the provisions of "The Assessment Act" and "The Municipal Act."

On the 15th day of November, 1912, a by-law of the City of Peterborough, numbered 1697, was passed with the assent of the ratepayers, granting to the DeLaval Dairy Supply Company, Limited, the sum of $19,500.00, aid in purchasing land for the site for the company and granting exemption from taxation (except School taxes and Local Improvement rates) for ten years.

On the 5th day of February, 1923, a By-law of the City of Peterborough numbered 2445 was passed with the assent of the electors, granting a bonus by way of fixed assessment for the sum of $50,000.00 to the DeLaval Company, Limited, the successor of the DeLaval Dairy Supply Company, Limited, for the term of ten years. The company agreed to erect a building 100′ x 40′.

On November 3rd, 1932, just prior to the expiry of By-law No. 2445, the DeLaval Company applied to the Corporation in writing "for an extension of the present fixed taxation basis of the Company."

On the 6th day of February, 1933, By-law No. 3053 of the Corporation was passed with the assent of the electors granting to the company a fixed assessment for ten years at the sum of $60,000.00.

It was argued before this Board that the Company would increase the number of men employed, would purchase new machinery and perform certain other matters for the benefit of the City, in consideration of the granting of this fixed assessment.

The Assessment Roll of the City for the year 1937, shows for the said Company, assessment of land $18,000.00, assessment of buildings $121,000.00, being a total of $139,000.00. The total amount of real taxable property is $60,000.00, total for schools only, $79,000.00, business assessment $83,400.00. The appellant appealed against the assessment of $60,000.00 as the total amount of real taxable property. The Court of Revision dismissed his appeal and he appealed to the Judge of the County of Peterborough and his appeal was again dismissed and he then appealed to this Board.

Counsel for the City of Peterborough and Counsel for the Company, argued that there was no jurisdiction in the Court of Revision or the County Judge or this Board to hear the appeal at the present time. The Court of Revision held that the Appellant should not have appealed to the Court of Revision and part of their Judgment reads as follows:

"Counsel for the Company and for the Municipality specially bring to the Court's attention Sections 86 and 238. These should be examined. Section 86 reads as follows:

> "It is hereby declared that the court of revision, the County Judge, the Railway and Municipal Board, and every court to which and every Judge to whom

> an appeal lies under this Act have jurisdiction to determine not only the amount of any assessment, but also all questions as to whether any persons or things are or were assessable or are or were legally assessed or exempted from assessment."

"It would appear, keeping in mind the history of the legislation contained in Section 86, that it gives wide powers to the court of revision, but when it is read in conjunction with Section 238 which enacts that this Act shall not affect the terms or any agreement made with a municipal corporation, of any by-law heretofore or hereafter passed by a municipal council under any other Act for fixing the assessment of any property, or for commuting or otherwise relating to municipal taxation, it appears evident that it cannot be read to give to this Court any power beyond that of interpreting such a by-law and the cases submitted by the applicant, especially Pringle vs. Stratford ((20 O.L.R. page 246), go no further than to show that the court of revision may interpret or construe such agreements or by-laws. But I can find nothing in the cases submitted to suggest that this court has power to declare a by-law or any part thereof invalid, and it would appear that the remedy of the applicant lies elsewhere then in an application to the court of revision. In view of the foregoing, I have therefore come to the conclusion that the by-law must be recognized as binding upon this court and accordingly find that the assessment must be confirmed. Taking this view it is unnecessary to deal with other matters raised in this appeal."

"By-law" referred to in Section 238 means a By-law which is within the powers of the Council. A By-law which goes beyond the jurisdiction of the Council is not a By-law within the contemplation of this section.

The County Judge in his Judgment held that there was no jurisdiction in the Court of Revision to hear the appeal and if there was no jurisdiction in the Court of Revision, he had no jurisdiction and dismissed the appeal.

R.S.O. 1937, Chapter 266, Section 405 (1) (a) reads:—

> "The fixed assessment shall not be for a longer period than ten years, shall not be renewable etc. etc. . . . ."

Bonuses can be given only under statutory authority and the By-law passed in 1922 as well as that passed in 1932, if they are renewals of the fixed assessment were ultra vires. I find that the by-laws were renewals, that in 1932 the company asked for a renewal of its fixed assessment and that the By-law in fact granted a renewal and is therefore ultra vires and void.

Manning in his work on Assessment, on page 208, says:—

> "In Ontario, municipalities are permitted by the Bonus Limitation Act to grant exemption from taxation by way of fixed assessment only to manufacturing businesses for a period not longer than one term of ten years."

Although the company had given some extra consideration for each of the renewals, they were renewals of exemption from taxation.

It was argued by the Respondent that the Appellant should not have appealed the assessment, but should have brought an action for a declaration that the assessor should have assessed the property of the DeLaval Company at the additional amount of his valuation and that there was no power for the Court of Revision to deal with this question.

The Board is unable to agree with this contention. The Court of Revision must deal with the question when raised of appeal. The case of Pringle vs. Stratford (20 L.R. Page 246), in the Board's opinion, decides that the proper manner of attacking an improper assessment is not by action brought for a declaration, but by notice of Appeal as was done by the Appellant in this case.

Pringle vs. Stratford was an appeal by ratepayers on a question as to whether school taxes were exempt under an agreement, which agreement had been ratified by a Private Bill of the Legislature. An action had been brought for a declaration that the property in question should be assessed for school purposes.

Mr. Justice Osler at page 255 says:—

> "Having regard to secs. 57, 62 and 65 of the Assessment Act, relating to the constitution of the Court of Revision and its duties, and the right of a municipal elector to complain of the wrongful omission of any person from the assessment

> roll, and the procedure provided for the trial of complaints, I think that, if I had been trying this case alone, I should have held that the plaintiff was bound to resort to the summary method of procedure provided for by the Act: Barraclough v. Brown (1897) A.C. 6.15, Attorney-General v. Cameron (1899), 26 A.R. 103; Canadian Land and Emigration Co. v. Municipality of Dysart (1885), 12 A.R. 80, 83; Grand Junction Waterworks Co. v. Hampton Urban District Council (1898) 2 Ch. 331; Offin v. Rochford Rural District Council, (1906) 1 Ch. 342); and similar cases. Clearly, in an action constituted as the present, the utmost relief the plaintiff could have would be a declaration of the true construction of the Act and by-law, as the council does not directly assess and levy the rate. My learned brothers, or a majority of them, are of the opinion that having regard to the discretionary power reposed in the Court as to making declaratory orders, the present is a proper case in which to make one."

and Mr. Justice Garrow in page 260, says:—

> "It was contended before us that the plaintiff's proper remedy was by an appeal to the Court of Revision. Such an appeal might no doubt have been taken by him or by any other ratepayer. But that, I think, was not his only remedy. He had also, I think, a right as a ratepayer to obtain a declaration in the ordinary Courts such as he seeks in these actions of the true meaning and construction of the several documents under which the exemptions in question are claimed."

Mr. Justice Meredith at page 261 says:

> "Taking this view of these cases, it becomes unnecessary to consider whether actions, such as these, lie, or, if so, the nature and extent of the relief which could be given in them: though I must say that, at present, I fail to understand what right the Courts have to overrule, or dictate to, the special tribunals created for the purpose of dealing with all matters of assessments for taxation, except upon an appeal, from such tribunals, in the manner prescribed by law; or why any of such tribunals should be bound by any "Declaratory" judgment, such as this."

Pringle vs. Stratford holds that the Court of Revision should have decided whether the property was exempt from the payment of School Taxes, and to do this it would be necessary to construe the By-law. If the Court of Revision has such power, then it necessarily has power to decide whether, in effect, the Municipal Council had jurisdiction to exempt the property from the payment of School rates. The Board finds that the Court of Revision has jurisdiction to decide whether the Council has jurisdiction to grant a Renewal of Exemption from Taxation in the face of legislation limiting the jurisdiction to grant exemption for ten years and "shall not be renewable," and that the Court of Revision and the County Judge should have found that the By-law was ultra vires.

The Board would allow the appeal and directs that the DeLaval Company, respondents herein, be assessed as follows:

Land	$ 18,000.00
Buildings	121,000.00
Business	83,400.00
TOTAL	$222,400.00

The City of Peterborough shall pay the costs of the appellant after taxation thereof, on the Supreme Court scale, by the taxing officer at Osgoode Hall, including the Board's fee of $15.00 for Law Stamps paid by the appellant on issuance of appointment herein.

Formal Order of the Board will issue upon application of the appellant.

DATED at Toronto, this 29th day of March, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7306

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

CHILDS COMPANY

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent.

ASSESSMENT APPEAL

Re 152-158 Yonge Street and 11 Richmond Street West, Toronto

T. H. Wickett	Counsel for Appellant
F. A. Campbell	Counsel for Respondent

DECISION OF THE BOARD

This is an Appeal from the Decision of the County Court Judge upholding the assessment by the Court of Revision on the land and buildings known as 152-158 Yonge Street and 11 Richmond Street West, Toronto, which was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto, on the 13th day of April, 1938.

Evidence was presented by George A. Lister and Miss J. Connolly on behalf of the Appellant and by V. H. Edwards of the Sterling Trust Company and H. Nixon, Assistant Assessment Commissioner for the City of Toronto, on behalf of the Respondent.

Upon due consideration, the Board is of the opinion that the Appellant has not established as a fact that the said assessment is in excess of the actual value of the land and buildings and accordingly would dismiss the Appeal.

Formal Order of the Board will issue upon the application of the Respondent and the Appellant having paid the sum of $15.00 for Law Stamps on the issuance of the Appointment for Hearing, there will be no Order as to costs.

DATED at Toronto, this Eleventh day of May, 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7321

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

GEORGE COLES LIMITED

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent.

ASSESSMENT APPEAL

Re 717-721 Yonge Street and 14 Hayden Street

D. M. Findlay .... Counsel for Applicant
F. A. Campbell .... Counsel for Respondent

DECISION OF THE BOARD

This is an Appeal from the Decision of the County Court Judge, upholding the assessment by the Court of Revision on the land and buildings known as 717-721 Yonge Street, 723 Yonge Street and 14 Hayden Street, all in the City of Toronto, which was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto, on the 5th day of May, 1938.

Evidence was presented by W. Warwick and S. E. Green on behalf of the Appellant and by V. H. Edwards of the Sterling Trust Company on behalf of the Respondent.

After due consideration, the Board is of the opinion that the Appellant has not established as a fact that the said assessment is in excess of the actual value of the land and buildings and accordingly would dismiss the Appeal.

Formal Order of the Board will issue upon the application of the Respondent and the Appellant having paid the sum of $15.00 for Law Stamps on the issuance of the Appointment for Hearing, there will be no Order as to costs.

DATED at Toronto, this Eleventh Day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7293

IN THE MATTER of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

JAMES H. GUNDY (The Chartered Trust and Executor, Company—Agent)

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent

Peter Wright .... Counsel for the Appellant
F. A. Campbell, K.C. .... Counsel for the Respondent

JUDGMENT

This is an appeal from the decision of the Court of Revision and the County Court Judge, upholding the assessment of the Assessment Commissioner of the City of Toronto on the lands and buildings known as Numbers 38-46, 48, 54 and 56-64 Bloor Street West (1205-1219 Bay Street), and was heard by the Board at its Chambers in the Parliament Buildings, Toronto, on Thursday the 10th day of March, 1938.

Evidence was presented by Mr. Frank McLaughlin of the Chartered Trust and Executor Company, showing the rentals received from the properties in question. Mr. McLaughlin also stated that in his opinion the buildings and land were assessed in excess of their actual value.

Mr. V. H. Edwards of the Sterling Trust Company and Mr. Harry Nixon, Deputy Assessment Commissioner of the City of Toronto, were heard for the City, and tendered evidence to the contrary.

After due consideration, the Board is of the opinion that the Appellant has not established as a fact that the said assessment is in excess of the actual value of the lands and buildings.

Accordingly the Board would dismiss the appeal. Formal Order of the Board will issue upon application of the Respondent.

The Appellant having paid the sum of $15.00 for Law Stamps on the issuance of the appointment herein, there will be no order as to costs.

DATED at Toronto this 24th day of March, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7132

IN THE MATTER of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

ANNIE LAVINE, of the City of Toronto in the County of York

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent

Samuel Factor, K.C., M.P. .... Counsel for the Appellant
F. A. Campbell, K.C., ... Counsel for the Respondent

JUDGMENT

This is an appeal from the decisions of the Court of Revision and the County Court Judge, upholding the assessment of the Assessment Commisioner of the City of Toronto on the lands and building known as 153 Jameson Avenue in the City of Toronto, and was heard by the Board at its Chambers in the Parliament Buildings, Toronto, on Thursday the 14th day of March, 1938.

Evidence was given by Arthur Lavine, Manager of the said property, an apartment house, and by George Farquhar, real estate broker, in support of the contention of the Counsel for the appellant that the assessment on the building and land was in excess of their actual value.

Mr. Wickett, contractor and builder and Harry Nixon, Deputy Assessment Commissioner of the City of Toronto, were heard for the City and gave evidence to the contrary.

After due consideration, the Board is of the opinion that the appellant has not established as a fact that the assessment on the building is in excess of its actual value.

With regard to the Land assessment, in view of the evidence given and in view of the value of the surrounding lands as shown by the assessment placed thereon by the Assessment Commissioner, the Board is of the opinion that it should be reduced from $165.00 per foot to $140.00 per foot, or from $9,185.00 to $7,793.00.

Accordingly the Board would dismiss the appeal as to the Building and grant the appeal as to the Land as indicated. Formal Order of the Board will issue upon application of the appellant.

The appellant having paid the sum of $15.00 for Law Stamps on the issuance of the appointment herein and success being divided, it is proper that the respondent pay to the appellant the sum of $7.50 for costs.

DATED at Toronto this 29th day of March, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7297

IN THE MATTER of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

J. W. McNAB AND COMPANY

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent

A. J. Bentley, Esq.,	For the Appellant
F. A. Campbell, Esq., K.C.,	Counsel for the Respondent

JUDGMENT

This is an appeal from the decision of the County Court Judge, upholding the Assessment by the Court of Revision on the land and buildings known as Number 192 and Part of Lot 11, Richmond Street West, and was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto, on Wednesday, the 23rd Day of March, 1938.

Evidence was presented by A. J. Bentley on behalf of the appellant and by V. H. Edwards of the Sterling Trust Company and Harry Nixon, Assistant Assessment Commissioner of the City of Toronto, on behalf of the respondent.

After due consideration, the Board is of the opinion that the appellant has not established as a fact that the said assessment is in excess of the actual value of the land and buildings. It was strongly contended by Mr. Bentley that the assessment in addition to being in excess of the actual value, was excessive in comparison with surrounding assessments. The Board is unable to support this contention and accordingly would dismiss the appeal.

Formal Order of the Board will issue upon application of the respondent and the appellant having paid the sum of $15.00 for Law Stamps on the issuance of the appointment herein, there will be no Order as to costs.

DATED at Toronto, this 6th Day of April, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner,

P.F.A.-7115

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE PRUDENTIAL INSURANCE COMPANY OF AMERICA

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent

ASSESSMENT APPEAL

Re 1395 Gerrard Street East.

H. G. Peppiatt	for Appellant
F. A. Campbell, K.C.	Counsel for Respondent

DECISION OF THE BOARD

This is an appeal from the decision of the County Judge wherein the assessment on the lands known as 1395 Gerrard Street East, was confirmed and the assessment on the buildings on the said lands was reduced to $22,800.00 and was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto on Thursday, the 24th day of March, 1938.

Evidence was presented by Mr. Peppiatt, Assistant Manager of the Mortgage and Loan branch of the Prudential Insurance Company, on behalf of the Appellant and by V. H. Edwards, of the Sterling Trust Company on behalf of the Respondent.

After due consideration the Board is of the opinion that the Appellant has not established as a fact that the said assessment is in excess of the actual value of the land and buildings and accordingly would dismiss the Appeal.

Formal Order of the Board will issue upon the application of the Respondent and the Appellant having paid the sum of $15.00 for Law Stamps on the issuance of the appointment herein, there will be no Order as to costs.

Dated at Toronto this Thirteenth day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7116

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE PRUDENTIAL INSURANCE COMPANY OF AMERICA

Appellant

—and—

THE CORPORATION OF THE CITY OF TORONTO

Respondent

ASSESSMENT APPEAL

Re 1384-6 King Street West

H. G. Peppiatt	for Appellant
F. A. Campbell, K.C.	Counsel for Respondent

DECISION OF THE BOARD

This is an appeal from the Decision of the County Judge wherein he upheld the assessment on the land known as 1384-6 King Street West, in the City of Toronto, and reduced the assessment on the buildings thereon by the sum of $4,000.00 and was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto, on Thursday, the 24th day of March, 1938.

Evidence was presented by Mr. Peppiatt, Assistant Manager of the Mortgage and Loan Branch of the Prudential Life Insurance Company, on behalf of the Appellant and by V. H. Edwards, of the Sterling Trust Company on behalf of the Respondent.

After due consideration the Board is of the opinion that the Appellant has not established as a fact that the said assessment is in excess of the actual value of the land and buildings and accordingly would dismiss the Appeal.

Formal Order of the Board will issue upon the application of the Respondent and the Appellant having paid the sum of $15.00 for Law Stamps on the issuance of the appointment herein, there will be no Order as to costs.

DATED at Toronto this 13th Day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7318

IN THE MATTER OF "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

CHRISTINA W. RYRIE, and others,
Appellant,

—and—

THE CORPORATION OF THE CITY OF TORONTO,
Respondent.

Joseph Sedgewick, Esq., K.C.,	Counsel for the Appellant,
F. A. Campbell, Esq., K.C.,	Counsel for the Respondent.

BOARD'S DECISION

This is an appeal from the decision of the County Court Judge, whereby the assessment on the land and building known as 100 Adelaide Street, West, was set at $73,539.00 and $460,000 respectively, and was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto on Wednesday, the sixth day of April, A.D. 1938.

After due consideration, the Board is unable to find that the said assessment is in excess of the actual value of the land and building, and accordingly the above assessment is hereby confirmed, and the appeal dismissed.

The Formal Order of the Board will issue upon the application of the respondent and the appellant having paid the sum of $15.00 in law stamps on the issuance of the appointment herein, there will be no Order as to costs.

DATED at Toronto this seventh day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7303

IN THE MATTER OF "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

ESTATE OF CHARLES SHEARD,

Appellant,

—and—

THE CORPORATION OF THE CITY OF TORONTO,

Respondent.

J. W. G. Hunter, Esq.,	Counsel for the Appellant,
F. A. Campbell, Esq., K.C.,	Counsel for the Respondent.

BOARD'S DECISION

This is an appeal from the decision of the County Court Judge upon the land and building known as 118-124 Yonge Street, Toronto, wherein the assessment on the land was set at $6,000.00 per foot for the southerly 27 feet, 6 inches, and $5,000.00 per foot for the northerly 25 feet, and the assessment on the building confirmed at $30,000.00. The Appeal was heard by the Board at its Chambers in the Parliament Buildings in the City of Toronto on Friday, the twenty-fifth day of March, A.D. 1938.

After due consideration, the Board is unable to find that the said assessment on land and building is in excess of the actual value of the said land and building. Accordingly the said assessment is hereby confirmed and the Appeal dismissed.

The Formal Order of the Board will issue upon the application of the respondent and the appellant having paid the sum of $15.00 in law stamps on the issuance of the appointment herein, there will be no Order as to costs.

DATED at Toronto this seventh day of May, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

CAPITAL EXPENDITURES

P.F.A.-7654

BEFORE:
R. S. COLTER, Esq., K.C.,
Chairman,
D. S. CHARLTON, Esq.,
Vice-Chairman,
W. P. NEAR, Esq., B.A.Sc.,
Commissioner.

IN THE MATTER of the Application of the Corporation of the Village of Forest Hill for the approval of the Ontario Municipal Board as required by "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60, Section 70), of a proposed Debenture Issue in the sum of $150,000.00 for School Purposes.

REASONS FOR DECISION

THIS IS AN APPLICATION pursuant to Section 70 of "The Ontario Municipal Board Act", by the Village of Forest Hill for the approval of a proposed school building and land in the sum of $150,000.00.

From the material filed and upon hearing Counsel, and upon hearing representations by His Worship the Mayor and the Chairman of the School Board, it is established that the purchase of the land and erection of the building would result in the village being in a position to provide high school accommodation, which accommodation has up to the present not been provided. It is noted by the Board that while the debenture debt of the applicant is substantial, it is not unsound.

Aside however from the financial considerations, the Board has established a policy of requiring all proposed projects of municipal funds which involve a substantial capital expenditure, to be first submitted to the ratepayers before being presented to Board. In all applications received by the Board including those similar in purpose to the present application and amount of expenditure involved since the inception of above stated policy, it has been insisted that a vote be taken and the Board does not feel justified in making any exception in the present case.

The Board feels that since the ratepayers of the Municipality will be called upon to pay for the expenditure involved, it is fit and proper that the said ratepayers be given the opportunity of expressing their opinions on the matter. In the view of the Board, the most accurate expression of opinion can be obtained by submitting the proposal to the ratepayers on the same date that the annual municipal elections are held.

Accordingly the Board must refuse the application but will again take it under consideration upon receipt of the result of the vote of the ratepayers qualified to vote on money By-laws as directed.

DATED at Toronto this 25th day of August, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7727

Wednesday, the 31st day of August, A.D. 1938.

BEFORE:	
R. S. COLTER, Esq., K.C., Chairman,	IN THE MATTER of "The Local Improvement Act", (R.S.O. 1937, Chapter 269), and
D. S. CHARLTON, Esq., Vice-Chairman,	IN THE MATTER of "The Ontario Municipal Board Act", (R.S.O. 1937, Chapter 60).
W. P. NEAR, Esq., B.A.Sc., Commissioner.	

THIS IS AN APPLICATION by the City of London as required by Section 70 of "The Ontario Municipal Board Act", for approval of a proposed By-law authorizing a capital expenditure of $85,000.00 as a local improvement for the purpose of constructing a concrete facing on the earthen dykes on the north and west sides of the River Thames.

In view of the fact that the proposed expenditure was substantial and that a petition was received against the work, the Board by virtue of the powers contained in Section 68 of "The Ontario Municipal Board Act", held a public hearing in the City of London on Wednesday, the 17th day of August, 1938, notice of which had been given by publication, and at which parties in favour of or opposing the expenditure, were heard.

Evidence was given at the hearing on behalf of the Corporation of the City of London, that the By-law was passed as a result of representations made to the Council by residents of the area of West London which area was seriously affected by the disastrous floods of 1937. Engineering evidence was presented that the proposed work would strengthen the existing earthen dykes, but that it would not prevent a recurrence of the flooding, should a flood occur in the future of the magnitude of that of 1937. A number of ratepayers were present and gave evidence to the effect that while they would be glad to receive any additional protection if the same was to be paid out of the general rates, they did not feel that they should be assessed for the cost of the proposed work in view of the fact that as stated above, the work would provide very little, if any, protection against another extraordinary flood.

Bearing in mind the nature of the evidence, the nature of the objections, which the Board believes are well founded, and which were not contradicted, and the absence of any evidence to the effect that the proposed work would form a part of any greater flood control project, the Board finds that the necessity or expediency of the expenditure is not commensurate with the burden of taxation which would be placed upon the ratepayers.

The application is accordingly dismissed.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7373

Monday, the 13th day of June, A.D. 1938.

IN THE MATTER of the Application of the Corporation of the Township of McKim, under Section 70 of "The Ontario Municipal Board Act", (R.S.O. 1937, Chapter 60), for approval of the undertaking of a capital expenditure of $8,500.00 for a one-room addition etc., to the Public School building in School Section No. 6, in accordance with its proposed By-law Number 324.

DECISION OF THE BOARD

THIS APPLICATION was heard by the Board at the City of Sudbury on Friday, the 20th day of May, 1938. G. E. Buchanan and E. C. Facer appeared as Counsel for the Township and the School Trustees of the Township of McKim respectively. M. C. McEachren, School Trustee, was present in person.

The reasons for the expenditure were outlined to the Board at the hearing and certain over-expenditures from the initial estimates were explained. M. C. McEachren contended that the Board should order an independent audit of the School Section Books.

After due consideration of the evidence presented and the material filed and representations made, the Board is unable to agree with this contention and is accordingly prepared to grant the application. Formal Order will issue in due course.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7124

IN THE MATTER of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60), Sections 69 and 70, and

IN THE MATTER of "The Municipal Act" (R.S.O. 1937, Chapter 266, Section 407 (2), and

IN THE MATTER of the Application of the City of Owen Sound for approval of a proposed By-law authorizing the expenditure of $160,000.00 on an extension of its Gas Plant, without receiving the assent of the electors.

C. C. Middlebro, Counsel for the Applicant

REASONS FOR DECISION

This application was heard before D. S. Charlton, and W. P. Near, Vice-Chairman and Commissioner of the Board respectively at the City of Owen Sound on Thursday, January 27th, 1938.

Decision was reserved.

Evidence was placed before the Board that the existing plant was no longer in a satisfactory condition and that the Public Utilities Commission had requested the Ontario Research Foundation to report to them on certain proposed methods and types of reconstruction.

Mr. C. W. Tasker of the Foundation ably presented to the Board his opinion that the proposed new plant was sound technically and stated that he had personally supervised a test at the home plant of the proposed Vendor. The Board has also had the privilege of reading his report, which is most exhaustive and obviously the product of much careful labour.

Both Mr. Tasker and the members of the Commission thought certain other types of plant would not be feasible, having in mind the fact that the new plant would have to produce enough revenue to meet the unmatured debenture charges on the present plant.

The Board is satisfied the proposed new plant is technically sound, given certain conditions as to price of coal, coke and the market. The proposed plant is admittedly dependent for an integral part of its revenue on the sale of coke. Accordingly, the success of the plant would depend upon the price of coal, the price of coke, the market available for the sale of the coke and the market available for the sale of gas.

The Board is of the opinion that where such a large expenditure is proposed as here, and where the success or failure of the work is dependent upon variable factors as here, it is not justified in approving the by-law without the assent of the ratepayers, upon whom the cost would fall should the project not meet with success.

Accordingly, the application of the City of Owen Sound is hereby dismissed.

DATED at Toronto, this 22nd day of February, A.D. 1938.

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7410

IN THE MATTER of "The City of Owen Sound Act", 1938, Section (2), and

IN THE MATTER of Section 70 of "The Ontario Municipal Board Act", (R.S.O. 1937, Chapter 60), and

IN THE MATTER of the Application of the Corporation of the City of Owen Sound for approval of the undertaking of a capital expenditure of $75,000.00 for construction of a Civic Auditorium and Skating Rink).

DECISION OF THE BOARD

The above application was heard at the Municipal Chambers, Owen Sound, on Friday, the 3rd day of June, by R. S. Colter, K.C., Chairman, and D. S. Charlton, Vice-Chairman.

C. C. Middlebro, City Solicitor, appeared for the applicant Municipality, and W. S. Middlebro, K.C., and F. G. Mackay, appeared as Counsel for certain objecting ratepayers.

His Worship Mayor Stuart outlined the object of the application and stated that the ratepayers qualified to vote on Money By-laws had endorsed the expenditure by a vote of 1185 in favour and 654 against.

The Board of Trade, Retail Merchants' Association, Ministerial Association and certain Athletic Associations also made representations in favour of the application.

Counsel for the objecting ratepayers contended that the expenditure, however desirable, was not of a type for Municipal enterprise and that it was a proper expenditure for private capital only.

The Board has every sympathy for the contention of the respondent ratepayers, but feels that in view of the fact that the project was endorsed by a substantial majority of the ratepayers, that the financial condition of the Municipality is satisfactory and that the Ontario Legislature enacted legislation enabling the expenditure to be made by the Municipality subject to the Board's approval, it can find no justification in refusing the application in whole.

The Board feels, however, that there was not sufficient evidence presented to justify the expenditure of the sum of $75,000.00 and is of the opinion that the sum of $60,000.00 should be sufficient for the purchase of the necessary land, the erection of the building and the purchase of the equipment. In addition, the Board is of the opinion that the expenditure should be funded by two separate debenture issues, one for the land and building for a fifteen year term and one for equipment for a ten year term.

Accordingly, if the applicant Corporation would prepare and forward draft By-laws embodying the above recommendations, the Board is willing to give the same favourable consideration.

Accordingly, formal statutory approval is withheld pending the receipt of the said draft By-laws.

DATED this 8th day of June, A.D. 1938, at Toronto.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

MONDAY, THE 29th DAY OF AUGUST, A.D. 1938.

P.F.A.-7763

BEFORE:
R. S. COLTER, Esq., K.C.,
Chairman,
D. S. CHARLTON, Esq.,
Vice-Chairman,
W. P. NEAR, Esq., B.A.Sc.,
Commissioner.

IN THE MATTER of "The Ontario Municipal Board Act", (R.S.O.. 1937, Chapter 60, Section 70), and

IN THE MATTER of the Application of the Town of Parkhill for approval of Debenture Issue of $8000.00 for the purpose of the erection of a Skating Rink.

THIS IS AN APPLICATION by the Town of Parkhill for approval as required by Section 70 of "The Ontario Municipal Board Act", of a proposed By-law authorizing the issue of debentures in the sum of $8000.00 for the purpose of erecting a skating rink in the Town of Parkhill. The By-law was submitted to the ratepayers on Thursday, the 4th day of August, and was approved by them by vote of 138 to 119.

At an informal hearing held at the City of London on Wednesday, the 17th of August, representations were made on behalf of the By-law by the Reeve and other members of the Council, and objections were voiced through counsel by certain ratepayers opposing the said approval.

It was noted by the Board at the time of the hearing, that the By-law did not recite the legislative authority under which the expenditure was being made, and counsel for the applicant subsequently contended that Section 404 (1) of "The Municipal Act", provides the necessary authority. The section reads as follows:

> "By-laws may be passed by the Councils of all Municipalities:
>
> "(1) for aiding amateur athletic or aquatic sports."

After careful consideration, the Board has come to the conclusion that it does not agree with the contention of counsel for the applicant, and that the said section does not authorize a funded capital expenditure as is proposed here. In the Board's opinion, had the intent of the Legislation been such, it would have so expressly declared as is done in Subsection 12 of the same section of "The Municipal Act", wherein authority is given for the erection of buildings for the purpose of agricultural exhibitions.

It should also be noted that in the current year, two municipalities within the province that wished to erect skating rinks, were obliged to obtain special legislation at the last session of the Ontario Legislature.

Accordingly in the opinion of the Board, the proposed By-law would be invalid and the application for approval is necessarily refused.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7775

IN THE MATTER of Section 69 and Section 70 of "The Ontario Municipal Board Act", (R.S.O. 1937, Chapter 60),

AND IN THE MATTER of the Application of the Corporation of the City of St. Thomas for an Order Dispensing with a Vote of the electors in regard to an undertaking of a Proposed Capital Expenditure of $51,000.00 pursuant to its Proposed By-law Number 3256 intituled: "By-law No. 3256. A By-law for borrowing the sum of Fifty-one Thousand Dollars for the purpose of erecting a Nurse's Home in connection with 'The Memorial Hospital'," and for Approval of the undertaking of such Capital Expenditure involved, and the Passing of the said proposed By-law therefor.

C. B. McClurg, Esq., K.C.	Counsel for the City of St. Thomas,
E. A. Horton, Esq., Sr.	for the Hospital Board,
Wm. Baldwin, Esq.,	in Opposition to the By-law.

REASONS FOR DECISION

This application came on for Hearing before the Chairman and Commissioner of the Ontario Municipal Board on Friday, the 2nd day of September, A.D. 1938, pursuant to appointment and notice thereof as directed. The Board has carefully considered the representations made by Mr. McClurg on behalf of the City of St Thomas, Mr. E. A. Horton, Sr., representing the Hospital Board, the evidence adduced, and also the opposition presented by Mr. William Baldwin.

The Board finds that, in view of the fact that the nurses are being housed in three different premises at the present time, widely separated from each other. and under conditions which do not give them proper supervision, and in view of the fact that the Hospital Board has an opportunity to purchase a property most suitable for this purpose at a very advantageous price, the expenditure by the city of the sum of $51,000.00 for the purpose of erecting a nurse's home in connection with the Memorial Hospital, is a necessary outlay and approves of By-law Number 3256 therefor, and that the vote of the electors of the City of St. Thomas may be dispensed with, and that the said application is therefore granted.

The Board's tariff fees payable upon the issuing of the Formal Order, are in the sum of $30.00 for law stamps.

DATED at Toronto this 8th day of September, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

I concur.
(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. Near,
Commissioner.

P.F.A.-7691

BEFORE:

R. S. COLTER, Esq., K.C.,
Chairman,

D. S. CHARLTON, Esq.,
Vice-Chairman,

W. P. NEAR, Esq., B.A.Sc.,
Commissioner.

IN THE MATTER of the Application of the Corporation of the City of Sarnia for the approval as required by "The Ontario Municipal Board Act", (R.S.O. 1937, Chapter 60, Section 70), of the Ontario Municipal Board of a proposed Debenture Issue in the sum of $100,000.00 for School Purposes.

REASONS FOR DECISION

THIS IS AN APPLICATION pursuant to Section 70 of "The Ontario Municipal Board Act", by the City of Sarnia for approval of a proposed school building in the sum of $100,000.00.

From the material filed, and upon hearing representations made to the Board by His Worship the Mayor, and other municipal and school board officials, it is clearly established that the structure is partly for high school purposes and partly for public school purposes, approximately one-half being for one and one-half for the other. It was stated to the Board that the city has made financial progress over the last five years, and with this statement the Board agrees. The Board does feel, however, that a further effort should be made on the part of the Corporation to reduce arrears of taxes.

However, aside from the question of tax arrears, the Board has established the policy of requiring all proposed projects which involve a substantial capital expenditure, to be first submitted to the ratepayers; before being presented to the Board, and the Board can find no justification in this application for departing from its established practice. The Board feels that since the ratepayers will be called upon to pay for the expenditure involved, it is fit and proper that the said ratepayers be given the opportunity of expressing their opinions upon the matter. In the view of the Board, the most accurate expression of opinion can be obtained by submitting the proposal to the ratepayers on the same date that the annual municipal elections are held.

Accordingly the Board must refuse the application but will again take it under consideration upon receipt of the results of a vote of the ratepayers qualified to vote on money By-laws as directed above.

DATED at Toronto this 22nd day of August, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman.

P.F.A.-7715

BEFORE:	
R. S. COLTER, Esq., K.C., Chairman,	IN THE MATTER of Section 8 of "The Local Improvement Act", (R.S.O. 1937, Chapter 269), and Section 3 of Chapter 73, Ontario Statutes, 1938, and
D. S. CHARLTON, Esq., Vice-Chairman,	IN THE MATTER of the proposal of the City of Toronto to construct a 46 foot pavement on Mount Pleasant Road from Blythewood Road to Glen Echo Road at a cost of $150,251.00.
W. P. NEAR, Esq., B.A.Sc., Commissioner.	

F. A. A. Campbell, Esq., K.C., and R. C. Baird, Esq.,	Counsel for Applicant,
Hugh Donald, Esq., K.C., C. B. Henderson, Esq., and H. G. Bristow, Esq.,	Counsel for Respondents.

DECISION OF THE BOARD

The proposed work was initiated by the City under the powers contained in Section 8 of "The Local Improvement Act", wherein it is provided that any party objecting thereto may notify the Board.

Numerous objections were received, and the Board in accordance with its usual practice, appointed Wednesday, the 7th day of September, for a hearing of all parties. Notice of the Board's appointment was duly served upon the property owners proposed to be assessed for the work, and the hearing was held on the above date at the Board's Chambers in the Parliament Buildings, at which time decision was reserved.

Evidence on behalf of the City was given by R. S. Harris, Commissioner of Works and T. D. LeMay, City Surveyor, and the history of the section and area affected was fully reviewed and the present desirability of providing an additional north and south artery east of Yonge Street to relieve the North Yonge Street traffic was stressed.

It was pointed out that it was not proposed to assess the total cost of the work against the abutting property owners as would be the case under an ordinary Local Improvement project, but only the cost of 28 feet out of a total of 46 feet, the proposed width of the pavement, as authorized by Section 3 of Chapter 73, Ontario Statutes, 1938. It was stated this would result in the cost to the abutting owners being approximately 28% or $43,881.00 of the total cost and 72% or $106,420.00 being charged to the general tax rate of the City.

It was stated that the Corporation felt that it would be unfair to assess the whole cost of the work against the abutting owners and legislative power had been obtained to proceed in the above manner.

The Board received numerous communications from ratepayers directly affected and also from other residents of the area, protesting against the proposed work. At the time of the hearing, representations were made by Counsel for certain residents and groups of residents, and also by individuals who were to be assessed for part of the work, against the same.

It was submitted that Lawrence Park is a residential district, that a through street of this type and width would change the character of the section and would result in a depreciation of property values, also, if the proposed work was carried out, the relief it would afford Yonge Street traffic would not be commensurate with the burden of taxation which would be imposed upon the ratepayers whom it was intended to specially assess, and the ratepayers of the City in general, also, that the 46 foot width is not necessary in view of the traffic in the area and that if a further arterial roadway is contemplated east of Yonge Street, it should be farther east than Mount Pleasant Road, also, that many ratepayers not only in the area affected, but in the City in General are paying Municipal taxes to the extent that they are undergoing actual hardship and that the need for the work is not so great as to merit a further increase in the cost of Municipal taxation.

In the opinion of the Board, a general reduction of municipal taxation is imperative, and it is noted that a substantial portion of municipal taxes today are fixed charges levied for the purpose of meeting and retiring existing debenture debt. There is no way of reducing the said fixed charges other than by paying the levies for the existing debenture debt and refusing to incur additional indebtedness in its place, except where the assumption of such further indebtedness is absolutely necessary.

It is true that in the present application, the City is proposing to pay approximately $100,000.00 out of a cost of approximately $150,000.00, but the "City" is composed only of ratepayers residing or owning property therein, and the cost in any event would have to be met by them.

The Board sympathizes with the officials of the Corporation who, it is admitted by all, have a most serious traffic problem to deal with. After careful consideration and inspection of the said proposed work, the Board notes that in view of the representations made against the work, the Board is unable to approve of the application at the present time but is deferring its final decision in the matter until the year 1939 when the same may be considered with other proposed capital expenditure of the Applicant Corporation for that year.

DATED at Toronto this 23rd day of September, 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

((sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7820

BEFORE:

R. S. COLTER, Esq., K.C.,
Chairman,

D. S. CHARLTON,
Vice-Chairman,

W. P. NEAR, Esq., B.A.Sc.,

IN THE MATTER of Section 70 of "The Ontario Municipal Board Act", (R.S.O. 1937, Chapter 60), and

IN THE MATTER of the Application of the Corporation of the Township of Windham for Approval of the Undertaking of a Capital Expenditure of $4000.00 for the Construction of a Public School in School Section Number Four.

BOARD'S DECISION

THIS WAS AN APPLICATION for approval of Debenture By-law authorizing the issue of debentures in the sum of $4,000 for Public School Purposes. The Board being in receipt of numerous objections thereto, held a Public Hearing at theVillage of Lynnville on Monday, the 26th day of September, A.D. 1938. At this meeting, members of the Township Council and ratepayers of the section voiced a strong objection to the expenditure at the present time. Two members of the School Board, the Public School Inspector, and the school janitor, spoke in favour of the project.

In view of the opposition to the expenditure by the ratepayers of the section as evidenced at the said meeting, the Board finds it is unable to approve of the said application at the present time. The Board would be willing to consider a new application in the year 1939 provided that entire new proceedings on the part of the School Trustees were initiated next year, and the application again forwarded at that time.

DATED at Toronto this 3rd day of October, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

DETACHMENT OF FARM LANDS

P.F.A.-7533

BEFORE:	
R. S. COLTER, Esq., K.C., Chairman, D. S. CHARLTON, Esq., Vice-Chairman, W. P. NEAR, Esq., B.A.Sc., Commissioner.	IN THE MATTER of Section 21 of "The Municipal Act", (R.S.O. 1937, Chapter 266), and IN THE MATTER of the Application of Henry A. Milton of the Village of Dutton in the County of Elgin for an Order detaching from the said Village certain of his farm land therein, and annexing the said lands to the Township of Dunwich in the said County of Elgin.

W. S. McKay, Esq., Counsel for Applicant.
E. C. Sanders, Esq., K.C., Counsel for the Village of Dutton.
C. B. McClurg, Esq., K.C., Counsel for the Township of Dunwich.

BOARD'S DECISION

UPON THE APPLICATION of Henry A. Milton, and upon consideration of the material filed, R. S. Colter, Esq., K.C., Chairman of the Board (duly authorized under Section 16 of "The Ontario Municipal Board Act", R.S.O. 1937, Chapter 60), having pursuant to appointment and notice thereof as directed, heard all parties interested in this application on the eighth day of July, 1938, at the Council Chambers in the Village of Dutton, and the Report of the Chairman of the Board having this day been considered by the Board as the basis of its Order herein.

The applicant, Henry A. Milton, is the owner of a farm composed of one-quarter of Lot 12, Concession 5 South of "A", together with some village lots. On the farm are the farm buildings and on one of the lots is a frame cottage which he claims has been used for the purposes of a farmer who worked the farm, but which is now rented. The plan filed with the Board shows the farm to contain 72 acres. The assessment notice is for 67 acres.

For the year 1938, the assessment of the said farm is as follows:

Buildings	$2300.00.
Land	2000.00.
Total	$4300.00.

In 1937 the farm was assessed for $5123.00, but this was reduced at the Court of Revision to $3000.00. Afterwards the Village Council of Dutton appointed an assessment commission, and that commission fixed the assessment for the farm at $4300.00 for 1938. The applicant did not appeal this assessment, but made an application to this Board to have at least part of his farm detached from the village.

The applicant bases his claim on the fact that there are 306 ratepayers in the Village, that the tax levy is $19,436.00, and the average tax levy is $53.84 each. The per capita tax is $26.47, and Mr. Milton figures that his tax is $193.50 at the rate of 45 mills. He also compared his taxation with that of one McVicker in the adjoining township, saying that the building and farm compared with his, and that in 1937 McVicker's assessment was $6500 and that his taxes were $96.25. Milton's taxes on an assessment of $4300 would be $210.90, but he has to pay about $17.40 in the Township of Dunwich.

There are several farmers within the limits of the Village of Dutton in the same position as Milton, and they, no doubt, will immediately if the application of Milton should be granted, make application for detachment of their farms. Mr. Milton has four children, two of whom have been educated through the public and high school of Dutton, one of whom is now attending high school and the other one public school. His home is served by street lights, he has a sidewalk to his home, and has fire and police protection. The Village of Dutton is a very nicely situated village. The Council has made every effort to make it a nice, clean, farmer's town. It has a very substantial community hall, the streets are kept in excellent condition.

The Board is of the opinion that the applicant should not compare his taxation with the taxation in the neighboring township. His assessment is much lower than that on the farm of Mr. McVicker, no doubt to give him some relief of taxation, and the fact that his taxes are higher than the taxes in the neighbouring township is by reason of benefits afforded to the residents of the Village by way of Community hall, sidewalks, street lighting, roads and other improvements that are necessary in villages today, and for which the properties within the Municipality should pay.

Under all of the circumstances, the Board finds that the applicant has not shown sufficient reason to justify an Order detaching his farm from the Village of Dutton, and the application is dismissed.

DATED at Toronto, this 23rd day of September, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman,

(sgd.) D. S. CHARLTON,
Vice-Chairman,

(sgd.) W. P. NEAR,
Commissioner.

DIRECT RELIEF—FUNDING A PORTION OF

P.F.A.-7613

IN THE MATTER of Section 70 of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60) and

IN THE MATTER of the application of the Corporation of the City of Toronto for approval of the funding of $390,000.00 to provide for 15% increase in Relief Food Vouchers.

MEMORANDUM OF PROCEEDINGS

Pursuant to telephone arrangements with the Secretary of the Board of Control the Board appointed Wednesday, the 15th Day of June, 1938, at Half Past Three O'Clock in the afternoon to meet a deputation from that Board. The deputation consisted of Controllers Wadsworth, Hamilton, Conboy and McNish.

It was stated that the Board of Control had been directed by resolution of the City Council to apply to the Board for approval of the funding of $390,000.00 to provide for a 15% increase in Relief Food Vouchers, the total increase to be borne by the City of Toronto.

After hearing the representations made by the several Members of the Board of Control the application of this Board was dismissed.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

NATURAL GAS CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY

P.F.A.-8122

Tuesday, the 27th Day of December, A.D. 1938.

BEFORE: :

R. S. COLTER, Esq., K.C.,
Chairman, and

W. P. NEAR, Esq., B.A., Sc
Commissioner.

IN THE MATTER of "The Municipal Franchises Act", being Chapter 277, R.S.O. 1937, Section 8; and

IN THE MATTER of By-law Number 9 of the Municipal Corporation of the Township of North Oxford granting a franchise to The Oxford Pipe Line Company Limited to construct works to supply and to supply gas to the residents of the said Township; and
IN THE MATTER of the Application of The Oxford Pipe Line Company Limited for a Certificate of Public Convenience and Necessity therefor.

TO:

HIS HONOUR, THE LIEUTENANT-GOVERNOR
OF THE PROVINCE OF ONTARIO

CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

UPON the Application of the Oxford Pipe Line Company, Limited, a Corporation incorporated under and pursuant to Part XIII of The Companies Act (Ontario) and operating a public utility, for a Certificate of Public Convenience and Necessity, pursuant to Sub-Section 4 of Section 8 of The Municipal Franchises Act, R.S.O. 1937, Chapter 277; AND UPON reading a copy of By-law Number 1338 of the Corporation of the Township of Dereham, By-law Number 1192 of the Corporation of the County of Oxford, By-law Number 816 of the Corporation of the Township of West Oxford, and By-law Number 9 of the Township of North Oxford, and a copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor dated the 30th day of November, 1938, wherein the Honourable the Minister of Municipal Affairs and Public Welfare recommended that pursuant to Clause (d) of Section 6 of The Municipal Franchises Act the Honourable the Lieutenant-Governor approve the said By-law Number Nine of North Oxford, which recommendation was concurred in by the Committee of Council, and the other material filed, and the Board having appointed Friday, the 9th Day of December, 1938, at the hour of 11 o'clock in the forenoon at the Court House in the City of Woodstock for the hearing of this application, and Notice of this Appointment having been duly given as directed by the Board, and the Board having, pursuant to such appointment, heard all parties interested and no one appearing to oppose the same; and the Board having on the aforesaid date granted this application.

THE BOARD CERTIFIES that public convenience and necessity require that approval or permission be granted to The Oxford Pipe Line Company Limited to construct works to supply and to supply Gas to those persons whose lands abut on the highway along which the pipe line of the applicant Company is proposed to be constructed, and to lay down, maintain and operate gas mains and pipes along the highways and public places of the Corporation of the Township of North Oxford for the purpose of conveying gas through the said Corporation and for supplying and distributing natural gas within the Corporation (pursuant to the authority contained in the said several By-laws and agreements attached thereto) such highways being described as follows:

(1) Along the road allowance between Lots 14 and 15 running the full length from South to North in the Township of Dereham aforesaid and along the road allowance between the Eleventh and Twelfth Concessions of the said Township of Dereham from the West Boundary line of Lot 28 to the road allowance between Lots 14 and 15 in the said Concessions; and

(2) Along the road allowance between the Third and Fourth Concessions of the Township of West Oxford as far East as the Easterly limit of Lot Seven; along the road allowance between Lots Ten and Eleven extending across Ten and between Lots Nine and Ten in the Township of North Oxford, thence Northerly between the First and Second Concessions of the Township of West Zorra to the northerly limit of Lot Five; along the road allowance between Lots Five and Six in the Township of West Zorra from the road allowance between the First and Second Concessions to the road allowance between the Fourth and Fifth Concessions; along the road allowance between the Fourth and Fifth Concessions of the Township of West Zorra extending from Fairview to the Northerly limit of Lot Five, thence diagonally across Lots Five, Four, Three and Two to the northeast corner of Lot One in the Fifth Concession, thence southerly along the road allowance east of said Lot One to the Town Line, thence easterly along the Town Line between West Zorra and North Oxford to the northeast corner of Lot Twenty in the First Concession of North Oxford, thence Southerly along the road allowance between Lots Twenty and Twenty-one in the First Concession of the Township of North Oxford to the limits of Beachville; and

(3) Along the road allowance between Lots 12 and 13 from Folden Corners and continuing along the road allowance of the Corporation of the Township of Oxford West to the North Boundary of the said Corporation; and

(4) The highways and public places of the Corporation of the Township of North Oxford;

the whole in accordance with the provisions of the said By-laws hereinbefore mentioned.

(SEAL)

(sgd.) R. S. COLTER,
Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7501

Tuesday, the 14th Day of June, A.D. 1938

BEFORE:

R. S. COLTER, Esq., K.C.,
Chairman,

D. S. CHARLTON, Esq.,
Vice-Chairman, and

W. P. NEAR, Esq., B.A., Sc.,
Commissioner.

IN THE MATTER of "The Municipal Franchises Act," R.S.O., 1937, Chapter 277, and,

IN THE MATTER of the Application of Union Gas Company, Limited, for a certificate of Public Convenience and Necessity pursuant to Section 8 of "The Municipal Franchises Act"; and

IN THE MATTER of By-law Number 407 of the Village of Glencoe granting the right to the said Company to construct works to supply and to supply gas to residents of the Village of Glencoe.

TO:

HIS HONOUR, THE LIEUTENANT-GOVERNOR
OF THE PROVINCE OF ONTARIO

CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

UPON THE APPLICATION of the Union Gas Company of Canada, Limited, for a Certificate of Public Convenience and Necessity, pursuant to Section 8 of "The Municipal Franchises Act," R.S.O. 1937, Chapter 277, and upon reading the copy of the said By-law Number 407 of the Corporation of the Village of Glencoe, and the other material filed, and the Chairman of the Board, duly authorized under Section 16, R.S.O., 1937, Chapter 60, having pursuant to Appointment and Notice thereof as directed by the Board, heard this application at the Council Chamber, in the Village Hall, in the Village of Glencoe, on the 10th day of June, 1938, and no one appearing in opposition to the said Application, and the Chairman of the Board having reported in favor of the granting of the application, and his Report having been duly adopted by the Board.

THE BOARD CERTIFIES that public convenience and necessity require that approval or permission be granted to the Union Gas Company of Canada, Limited, to construct works to supply and to supply natural gas to the citizens of the Village of Glencoe, in accordance with the provisions of the said By-law Number 407 of the said Corporation, intituled: "By-law Number 407 of the Village of Glencoe—A By-"law to grant a franchise to Union Gas Company of Canada, Limited," which By-law was finally passed on the 1st day of February, 1937.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

(SEAL)

P.F.A.-7991

Thursday, the 24th Day of November, A.D. 1938.

BEFORE:

D. S. CHARLTON, Esq.,
Vice-Chairman, and

W. P. NEAR, Esq., B.A., Sc.,
Commissioner.

IN THE MATTER of Section 8 of "The Municipal Franchises Act" (R.S.O. 1937, Chapter 272), and

IN THE MATTER of By-law Number 162 of the Village of St. Clair Beach, granting a Franchise to the Windsor Gas Company, Limited, to construct works to supply and to supply gas to the residents of the said Village, and

IN THE MATTER of the Application of the Windsor Gas Company, Limited, for a Certificate of Public Convenience and Necessity therefor.

TO:

HIS HONOUR, THE LIEUTENANT-GOVERNOR
OF THE PROVINCE OF ONTARIO

CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY

UPON THE APPLICATION of the Windsor Gas Company, Limited, for a Certificate of Public Convenience and Necessity, pursuant to Section 8 of "The Municipal Franchises Act" (R.S.O. 1937, Chapter 277), and upon reading the copy of the said By-law Number 162 of the Corporation of the Village of St. Clair Beach and the other material filed, and the Board having issued an Appointment on Notice for the Hearing of all parties interested, for Monday, the 7th day of November, 1938, at Twelve O'Clock Noon, at the School House on Tecumseh Road in the Village of St. Clair Beach, and the Board having deputised Mr. Charles A. Bell, Clerk of the said Village to take the Hearing as aforesaid, and no one appearing at the said Hearing, pursuant to Notice as directed, in opposition to this Application, as appears by Affidavit of the said Charles A. Bell filed this day.

THE BOARD CERTIFIES that Public Necessity and Convenience requires that approval or permission be granted to the Windsor Gas Company, Limited to construct works to supply and to supply natural gas to the residents of the Village of St. Clair Beach in accordance with the provisions of the said By-law Number 162, intituled: "By-law No. 162 of the Village of St. Clair Beach. A By-law to grant a Franchise to Windsor Gas Company, Limited", which By-law was finally passed on the 17th day of October, 1938.

(SEAL)

(sgd.) D. S. CHARLTON,
Vice-Chairman.

RESTRICTED AREAS

P.F.A.-7381

IN THE MATTER of the Application of the Corporation of the Township of East York under Section 406 (2b) of "The Municipal Act," for approval of its By-law Number 2810, intituled: "Township of East York By-law No. 2810 to amend By-law No. 1243 and Amendments thereto, being a by-law for the purpose of dividing the Township into Industrial, Business and Residential Areas, and restricting the user of land and buildings within the defined area."

COUNSEL:

K. V. STRATTON, Esq., K.C.,
Counsel for Applicant,

W. A. McMASTER, Esq., K.C.,
Counsel for Respondents.

DECISION OF THE BOARD

THIS APPLICATION was heard by the Board at its Chambers in the Parliament Buildings, Toronto, on Tuesday, the twelfth day of April, 1938. Counsel for the Applicant contended that the nature of the lands affected had altered since the passing of the original by-law, particularly by reason of Sammon Ave. becoming a through street. Counsel for the Respondents, a number of property owners in abutting and adjoining areas, strongly opposed the application.

THE BOARD after due consideration, is unable to grant the Application in its present form, having in mind the limitations imposed by The Municipal Act, Sec. 406 (2). The Board accordingly is prepared to dismiss the Application, the said Order to issue one month from date hereof, unless before that time an amended application is received by consent of the abutting owners, upon which the Board would be willing to again consider the application.

DATED at Toronto this twenty-fifth day of April, 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) D. S. CHARLTON,
Vice-Chairman.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-7519

IN THE MATTER of Section 406, Subsection (2) (b) of "The Municipal Act" (R.S.O. 1937, Chapter 266),

BETWEEN:

THE CORPORATION OF THE CITY OF KITCHENER

Applicant

—and—

J. M. JOHNSON AND J. SCHUSTER AND OTHERS

Respondents.

Approval of By-law Number 2616 of the City of Kitchener amending its Zoning Ordinance By-laws Numbers 1823, 1834 and 1835.

Murray Bray .... Counsel for Applicant
J. K. Sims .... Counsel for Respondents
F. W. Collins .... For the Grand River Railway

DECISION OF THE BOARD

This application was heard at the City Hall, Kitchener, by D. S. Charlton, Vice-Chariman, (duly authorized under Section 16 of "The Ontario Municipal Board Act" R.S.O. 1937, Chapter 60), on Tuesday, the 7th day of June, 1938, who has reported the proceedings and evidence presented thereat, to the Board.

EVIDENCE WAS PRESENTED BY F. W. Collins to the effect that the Grand River Railway desired to have the restrictions amended on the area in question in order that the McColl Frontenac Company would be able to purchase a portion of the said area adjoining the railway. He also stated that the railway had employed a canvasser who had obtained the signatures of residents and owners of the district in favor of such amendment and that the By-law as desired, as a result thereof had been provisionally passed by the City Council.

Evidence was given by certain signatories to the first Petition, to the effect that at the time they signed the said Petition, they were unaware of the true purpose of same and now wished to disassociate themselves from any apparent acquiescence to the proposed By-law and further to now register their objection to the approval of same. Two Petitions against the application were filed with the Board, the first bearing fourteen signatures which were on the original Petition in favor, and the second bearing eight signatures which were not on the original Petition in favor of the application. Certain owners and residents of the area who had not signed the original Petition were present in person to register their objections.

It was admitted by all parties that the area in question was made a residential one in the general Zoning By-law passed in 1924 or 1925.

The Board's discretion in an application of this kind is defined by "The Municipal Act," Section 406 (b), which reads as follows:—

> "No By-law passed under this Section shall come into force or be . . . amended without the approval of The Ontario Municipal Board; but such approval may be given, . . . if it is shown to the satisfaction of the Board that it is proper and expedient in view of,—
>
> (i) the purpose for which the original by-law was passed and the nature and class of occupancy and use of the land within the area or abutting on the highway at the time the by-law was passed;
>
> (ii) any change which may since have taken place affecting its suitability for such occupancy or use; and
>
> (iii) the desirability of the proposed repeal or amendment in the interests of the owners of land in the district affected and of the community as a whole."

The Board, after due consideration, is of the opinion that in view of the preceding section and in view of the opposition, it is not justified in granting the application.

Formal Order of the Board will issue upon the application of the Respondents and upon payment of the Board's tariff fee for Law Stamps in the sum of $15.00.

There will be no Order as to costs, with the exception that the applicant will be required to pay to the Respondents their disbursements of the said Board's tariff fees.

DATED at Toronto this 8th Day of June, A.D. 1938.

(sgd.) W. P. NEAR,
Commissioner.

P.F.A.-8069

IN THE MATTER of Section 406, subsection (2b) of "The Municipal Act" (R.S.O. 1937, Chapter 266) and

IN THE MATTER of the Application of the Corporation of the Town of Leaside for approval of its By-law Number 578 amending its Restricted Area By-laws Numbers 294 (as amended by By-law Number 309) and 440.

BETWEEN:

THE CORPORATION OF THE TOWN OF LEASIDE,

Applicant.

—and—

W. H. COOPER AND OTHERS,

Respondents.

H. E. McKitrick, Esq. .... Counsel for the Applicant
A. Kelly, Esq., ... Counsel for the Roman Catholic Church
G. P. Campbell, Esq., ... Counsel for the Respondents

DECISION OF THE BOARD

THE ABOVE APPLICATION was heard at the Board's Chambers in the Parliament Buildings in the City of Toronto, on the 8th and 9th Days of December, pursuant to an appointment given by the Board dated the 15th Day of November, A.D. 1938, before the Vice-Chairman of the Board, duly authorized under Section 16 of "The Ontario Municipal Board Act." The said Vice-Chairman directed that the Application stand over and his Report on such hearing has this day been considered by the Board.

In 1936 the Town of Leaside passed By-law Number 440 which had the result among others of restricting the area in question against schools and churches and the present By-law in so far as it applies to Lots Numbered 204 to 213 inclusive, Plan 2121 of lifting the said restrictions.

For the owners of the property the Reverend Father Caulfield, parish priest, H. V. Chambers and H. E. Stacey, Realtors, gave evidence respectively to the effect that church authorities had owned the property for some years and that it was well-known in the neighborhood the church was contemplated. The evidence of Chambers and Stacey was to the effect that Real Estate values would not be depreciated in the area and also that the property in question could not be developed for private residential purposes by reason of the changing character of Millwood Road at this point.

Evidence of a substantial volume of opposition on the part of adjacent owners was presented at the hearing and evidence was given by W. T. Pinkerton, Realtor, and home owners of the vicinity that the presence of a school would lower the values of the neighbouring properties. It was strongly contended by counsel on their behalf that the owners in the area effected were entitled to the protection of the existing By-law in view of the fact that the same had been passed only in 1936 and that it was his submission that the applicant, the Corporation of the Town of Leaside, could not meet the requirements of Section 406 (2b) of "The Municipal Act."

It was established at the hearing that the objections were not to the church but rather to the school and one of the difficult features of the present application is the fact that the religious denomination in question has an internal policy of establishing a church and school as one unit.

The members of the Board have inspected the lands in question and have also inspected other similar situations where schools and churches have been built in a developed residential area and have come to the conclusion that the approval of the By-law would be in the best interests of the community as a whole. It has always been the policy of the Board to examine with care any proposal to relieve restrictions where the said restrictions have been in effect for a comparatively short time, believing that the development of a community and consequently employment within the community is assisted where owners may safely invest knowing that by reason of the restrictions their investments will not be adversely affected by irresponsible parties. Notwithstanding this policy the Board is satisfied in the present instance that the area in question has become less suitable for development of private residences and that it would be in the interest of the community as a whole to approve the By-law. Certain objections were voiced by the respondents that by the establishment of a school and church, the congestion in the area would be aggravated by reason of the parking of automobiles. The Board believes that it would be proper to have a Clause in the formal Order when issued, directing the owners of the land affected to provide parking space upon the said lands and satisfactory evidence of said provision must be presented to the Board before its formal Order will issue.

DATED at Toronto this 22nd day of December, A.D. 1938.

(sgd.) R. S. COLTER,
Chairman.

(sgd.) W. P. NEAR,
Commissioner.

ORDERS OF THE BOARD

Aldborough, Township of	Sec. 480 (9) of "The Mun. Act." For relief from rebuilding bridge (known as the Spider Hill or Captain White Bridge) on the road between Concessions 13 and 14, opposite Lot 22 in the said Township of Aldborough in the County of Elgin.	P.F. A-7554
Aldborough, Township of	Sec. 70 of "The Ont. Mun. Board Act" (R.S.O. 1937, C. 60). By-law No. 1638. $525.00 for drainage purposes in the said Township.	P.F. A-7682
Aldborough, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60. By-law No. 1640. $1,170.00 for the construction of the "Ripley" Drain in the said township.	P.F. A-7843
Aldborough, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law Nos. 1641 and 1642. $1132.00 for the repair and improvement of the "Sells" Drain and for the construction of the "Pongracz" Drain.	P.F. A-7900-a-b
Aldborough, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1644. $740.00 for the repair and improvement of the "Yauch" Drain, in the said Township.	P.F. A-7956
Aldborough, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $610.00 for construction of the "Ainslie" Drain, in the said Township, in accordance with its proposed By-law therefor.	P.F. A-7972
Alexander, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 532. $12,400.00 for construction of a dam on the River De Lisle and of the Town of Alexandria.	P.F. A-7822
Alexandria, Town of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 533. $12,000.00 for certain Floating Indebtedness.	P.F. A-7854
Alexandria, Town of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 533. $12,000.00 for Floating Indebtedness.	P.F. A-7854-a
Ancaster, Township of	Sec. 70 of 'The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 927. $2,665.00 for the construction of a watermain on Thorndale St. and Main St. (Hamilton and London Provincial Highway) from the corner of Norfolk and Main Sts., westerly and northerly to a point on Thorndale St., 100 feet south of King St. as a local improvement (on petition).	P.F. A-7878-a

Ancaster, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. 928. $544.00 for construction of a watermain on South St. from Binkley's Hill Road (Hamilton, Dundas Highway), to a point on South St., 420 feet east of the said Binkley's Hill Road as a Local Improvement (on Petition).	P.F. A-7878-b
Ancaster, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. 929. $1,450.00 for the construction of a watermain on Rowanwood Ave. from Hillside Ave., westerly to the lane in W. E. Lyons' Survey.	P.F. A-7915
Anderdon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 984. $256.00 for Repairing, Enlarging and Improving the Deslippe Drain.	P.F. A-7580
Anderdon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. 985. $420.00 for the repair of the "Mayville" Drain in the said Township.	P.F. A-7679
Anderson, Township of	Sec. 70 of "The Ont. Mun. Board Act" (R. S. O. 1937, C. 60). By-law No. 987. $977.00 for drainage work for the repair of the Shuel Line Drain.	P.F. A-7809
Arnprior, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1070. $4,500.00 for the purpose of paying for alterations to the old Public School Building in the said Town.	P.F. A-7716
Arnprior, Town of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. 1070. $4,500.00 for the purpose of paying for alterations to the old Public School Building in the said Town.	P.F. A-7716
Arnprior, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act" (R.S.O. 1937, C. 266). By-law No. 1072. $55,500.00 for the purchase of the Electrical Distribution System and Business known as the "Arnprior Electrical System."	P.F. A-8003
Arthur, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,500.00 for the construction of improvements to its waterworks system, in accordance with its proposed By-law therefor.	P.F. A-8141
Ashfield, Township of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act" (R.S.O. 1937, C. 60). By-law No. 7. $50,000.00 for certain Floating Indebtedness (to pay the bonds of the Ontario West Shore Electric Railway).	P.F. A-7665
Ashfield, Township of	Part IV of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60.) By-law No. 7. $50,000.00 to pay a floating indebtedness — Bonds of the Ontario West Shore Electric Railway Company.	P.F. A-7665-a

Barton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1660. $2,044.00 for the construction of a watermain on Tragina Ave. as a Local Improvement (on Petition).	P.F. A-6148
Barton, Township of	Part IV of 'The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1700. For approval of By-law No. 1700, (and By-laws Nos. 1699, 1698 and 1697 thereby consolidated) of the Corporation of the Township of Barton. ($8,698.45 for watermains).	P.F. A-8027
Barton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1702. $3,650.00 for the construction of a 6" watermain on Barons Ave., as a Local Improvement (on Petition).	P.F. A-8034-a
Barton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S .O. 1937, C. 60). By-law No. 1703. $7,385.00 for the construction of an 18" sewer on Barons Ave. as a Local Improvement (on Petition).	P.F. A-8034-b
Barton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1706. $800.00 for construction of a watermain on King St., as a Local Improvement (on Petition).	P.F. A-8100
Belleville, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), Sec. 70, of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60.) $15,178.00 for the construction of certain Sidewalks in accordance with the Council's Notice of Intention dated the 20th day of September, A.D. 1937, and of the objection of certain ratepayers thereto.	P.F. A-6989
Belleville, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,233.37 for the construction of a sanitary sewer with private drain connections on Ponton St., as a Local Improvement (on Petition) in accordance with a certain proposed By-law therefor.	P.F. A-7728
Belleville, City of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year.	P.F. A-7868
Belleville, City of	Sec. 406 (2b) of "The Mun. Act," By-law No. 3415. For approval of its restricted Area amending By-law No. 3415.	P.F. A-7873
Beverley, Townnship of North Dumfries, Twp. of South Dumfries, Twp. of	Secs. 478 and 492 of "The Mun. Act," (R.S.O. 1937, C. 266). An application for hearing.—Dispute re deviation and maintenance of a certain boundary road.	P.F. A-7478
Blenheim, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,900.00 for the construction of certain sidewalks and curbs in the said Town as a Local Improvement (on Petition) in accordance with certain proposed by-laws therefor.	P.F. A-7725

Bobcaygeon, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $65,000.00 for the extension and improvement of the electrical Power Plant on Little Bob River.	P.F. A-7684
Bobcaygeon, Village of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 436. $65,000.00 for extension and improvement of electrical power plant on Little Bob River.	P.F. A-7684
Bosanquet, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 138 $590.00 for the repair of the "Borthwick" Drain.	P.F. A-7295
Bosanquet, Township of	Section 15 (a) of "The Public Schools Act." The Appointment of a Referee to value, adjust and determine all rights and claims between the respective parts of the Township comprising the school sections united.	P.F. A-7316
Calpin, B.A., B. Paed., H.B. Bosanquet, Township of	Sec. 15 (a) (5) and (7) of "The Public Schools Act," as enacted by the Statutes of Ontario, 1936, C. 55, Sec. 27. By-law No. 1369. Adjust and determine the assets and liabilities of the proposed amalgamated School Sections Numbers 17 and 18 of the Township of Bosanquet.	P.F. A-7316
Bosanquet, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 1392, 1395, 1393 and 1394. $9,040.00 for drainage work in accordance with its provisionally adopted By-laws named above.	P.F. A-7834-a-b-c-&-d
Bosanquet, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1396. $650.00 for the construction of the "Wilson" Drain in the said Township.	P.F. A-7922
Bosanquet, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1403. $1898.00 for the repair of the "Ross" Drain in accordance with its provisionally adopted By-law No. 1403 therefor.	P.F. A-8054
Bowmanville, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315, (2) of "The Mun. Act" (R.S.O. 1937, C. 266). By-law No. 1344. $16,000.00 to provide for the cost of certain extensions and repairs of the waterworks supply and system.	P.F. A-8108
Bowmanville, Town of	Sec. 407 (2) of "The Mun. Act. (R.S.O. 1937, C. 266). By-law No. 1344. $16,000.00 for extension and repairs of the waterworks supply and system.	P.F. A-8108
Bracebridge, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,000.00 for cost of additional width of pavement on Manitoba St. between Thomas St. and Ontario St. and the widening of Toronto St. between the bridge over the North Branch of the Muskoka River and Front St. over and above the amount allowed by the Order of the Board, dated the 20th day of September, A.D. 1937.	P.F. A-7625

Brantford, City of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2639. $80,000.00 for Direct Relief Costs in 1937.	P.F. A-7211-a
Brantford, City of	Part IV of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2640. $50,000.00 to provide funds for the payment in part of maturing instalments of principal payable in 1937 upon outstanding debentures.	P.F. A-7212-a
Brantford, City of	Sec. 297 (5) of "The Mun. Act," (R.S.O. 1937 C. 266). By-law No. 2558. $100,000.00 for extensions and improvements to the General Hospital Buildings.	P.F. A-7387
Brantford, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2558. $100,000.00 for extensions and improvements to the General Hospital Buildings.	P.F.-7387-a
Brockville, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. B. $2,100.00 for the construction of a pavement on McCready St with curbs and gutters and necessary storm water drainage.	P.F. A-7558
Brockville, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. C. $1,003.70 for the continuation of bituminous concrete pavement with curbs and gutters and necessary storm water drainage on McCready St. as a Local Improvement (on Petition).	P.F. A-7558-a
Brockville, Town of	Sec. 70 of "The Ont. Mun. Board Act," R.S.O. 1937, C. 60). By-law No. B. $1,396.61 for the completion of bituminous concrete pavement with curbs and gutters. and necessary storm water drainage on McCready St. as a Local Improvement (on Petition).	P.F. A-7558-b
Brooke, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 6, 5, 8, and —. $2,121.00 for Drainage purposes in the said Township.	P.F. A-7771-a-b-c-d
Brooke, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8. $3,476.00 for drainage work for the repair of the Bourne Drain.	P.F. A-7830
Brooke, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 12. $2,000.00 for the erection of a public school in School Section No. 21 in accordance with its proposed By-law No. 12 of 1938, therefor.	P.F. A-7830-a
Brunel, Municipality of	Sec. 16 of "The Public Schools Act" ((R. S. O. 1937, C. 357). By-law No. 482 providing for the amalgamation of Public School Sections Nos. 1, 2, 3, 4, 5, 6, and 7, into one Township Area, and of the Report of the Referee appointed by Order of the Board, dated July 11th, 1938, to value, adjust and determine all rights and claims (if any) between the respective parts of the Township comprising the School Sections so united.	P.F. A-7656

Brunel, Municipality of	Sec. 16 of "The Public Schools Act" (R.S.O. 1937, C. 357). By-law No. 482. Providing for the amalgamation of Public School Sections Nos. 1, 2, 3, 4, 5, 6 and 7, into one Township area, and of the Appointment of a Referee to value, adjust and determine all rights and claims if any between the respective parts of the Township comprising the School Sections so united.	P.F. A-7656
Brunel, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 486. $5,000.00 for the erection of a public school and the purchasing of necessary equipment therefor.	P.F. A-7689
Brunel, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,400.00 for the completion of its Public School Building in School Section No. 6, over and above that allowed by the Board's Order dated the 4th day of August, A.D. 1938.	P.F. A-7689-a
Caledon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1064. $12,000.00 for the erection of a new school in Rural School Section No. 8 of the said Township.	P.F. A-7617
Camden, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 473. $744.00 for drainage work ("Bebington" Drain).	P.F. A-7585
Camden, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 474. $710.00 for the repair and improvement of the "Cooper Drain."	P.F. A-7680
Camden, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 476. $170.23 for the repair of the "Boosie Drain" in accordance with its provisionally adopted By-law No. 476.	P.F. A-8067
Canborough, Township of	Sec. 70 of "The Ont. Mun. Board Act," R. S. O. 1937, C. 60). By-law No. 6. $20,000.00 for drainage work.	P.F. A-7810
Cardiff, Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law 840. Providing for the amalgamation of Public School Sections 1, 2, 3, 5, 6, 7, into one township area, and of the appointment of a Referee to value, adjust and determine all rights and claims if any between the respective parts of the Township, comprising the School Sections so united.	P.F. A-7662
Cardiff, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357.) By-law No. 840. Providing for the amalgamation of Public School Sections 1, 2, 3, 5, 6 and 7 into one Township School Area, and of the Report of the Referee appointed by Order of the Board, dated July 11th, 1938, to	

	value, adjust, and determine all rights and claims (if any) between the respective parts of the Township, comprising the School Sections so united.	P.F. A-7662
Carleton, County of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1153. $36,900.00 to meet the expenditure for the construction and improvement of County Highways of the Corporation of the County of Carleton.	P.F. A-6531-a
Carleton, County of	Sec. 70, of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $20,500.00 for the construction of Suburban Roads.	P.F. A-7286a
Carleton, County of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $20,000.00 for the construction of County Highways other than Suburban Roads.	P.F. A-7286-b
Carnarvon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 499. $4,500 for the erection of an addition to the School House in Public School Section No. 6 of the said Township of Carnarvon and repairs and improvements to the School House.	P.F. A-7564
Cartwright, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 605. $8,500.00 for building an addition to the present Continuation School House, in School Section No. 2 in the said Township.	P.F. A-7534
Cartwright, Township of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 605. $8,500.00 for building addition to the present Continuation School House in School Section No. 2 and furnishing same.	P.F. A-7534-a
Charlotteville, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 491. $19,000.00 for erecting a public school house in the Police Village of Vittoria.	P.F. A-7879
Chatham, City of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2585. For restricting the area South of the Canadian National Railway tracks, within the limits of the City of Chatham, as to the use of lands therein, and the erection of dwellings thereon.	P.F. A-7127
Chatham, City of	Sec. 8, of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70, of "The Ont. Mun. Board Act", (R.S.O. 1937, C. 60) $8,757.20 for construction of certain Local Improvements in accordance with the City Council's Notice of Intention dated the 9th day of April, 1938.	P.F. A-7504
Chatham, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $195.00 for the construction of concrete sidewalks on portions of James St. and Victoria Ave. as a Local Improvement (on Petition).	P.F. A-7504-a
Chatham, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,747.00 for Sewer on Pine St. and Sidewalks on Edgar St. and West St. as Local Improvements.	P.F. A-7782 & A-7783

Chatham, City of	Sec. 8 of "The Local Improvemnet Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act" (R.S.O. 1937, C. 60). $684.00 for the construction of a concrete sidewalk on the south side of King St. from Sixth St. to West Market Square, in accordance with Local Improvement Notice, dated April 9th, 1938.	P.F. A-7784
Chesley, Town of	Sec. 89 of "The Ontario Municipal Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 905. For approval of the undertaking of a capital expenditure of $25,000.00 for the remodelling and improvement of and building an addition to the Town Hall in the Town of Chesley.	P.F. A-7256
Chesley, Town of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 905. $31,000.00 for the remodelling, improvement of and building an addition to the Town Hall in the Town of Chesley.	P.F. A-7256-a
Chesterville, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60.) $10,000.00 for certain permanent improvements to the Chesterville High School. (Order Rescinded, See Order dated July 4th, 1938)	P.F. A-7422
Chesterville, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $12,000.00 for certain permanent improvements to the Chesterville High School.	P.F. A-7422
Chinguacousy, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 645. $12,000.00 for the purchase of a site and the erection of a school building in School Section No. 1 of the said Township.	P.F. A-7347
Chinguacousy, Township of	Part IV. of "The Ont. Mun. Board. Act," (R. S. O. 1937, C. 60. By-law No. 645. $12,000.00 for erection of a School building in School Section No. 1, Chinguacousy	P.F. A-7347-a
Clarke, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1030. $8,000.00 for the purchase of the electrical distribution system and business known as the "Orono Electrical System."	P.F. A-8083
Cobalt, Town of	Sec. 84 of "The Assessment Act." Appeal from the decision of the Court of Revision of the Municipal Corporation of the Town of Cobalt.	P.F. A-7276
Cobalt, Town of	Sec. 339 (2) of "The Mun. Act." (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year.	P.F. A-7770
Cobden, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 612. $22,000.00 for the purpose of building a new continuation school.	P.F. A-7416

Cobden, Village of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 612. $22,000.00 for building of Continuation School.	P.F. A-7416-a
Cobden, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 624. $4,973.00 for fire fighting equipment in accordance with its proposed By-law No. 624 therefor.	P.F. A-8062
Cobden, Village of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 634. $4,973.00 for fire fighting equipment.	P.F. A-8062
Colborne, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, C. 51, Ont. Statutes, 1935. By-law No. 8. For the approval of the undertaking of a capital expenditure of $20,000.00 for Drainage Purposes.	P.F. A-5822-a
Colchester North, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1199. $879.66 for the repair of the "Grondin" Drain in the said Township.	P.F. A-7722
Colchester North, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1202. $5,196.34 for drainage work ("West Town Line" and "13th Concession West" Drains)	P.F. A-7889-a
Colchester North, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1203. $750.00 for drainage work ("Boyle" Drain).	P.F. A-7889-b
Colchester North, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1204. $1,443.35 for drainage work ("Campbell Sideroad" Drain)	P.F. A-7889-c
Colchester North, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1207. $450.80 for the repair and improvement of the "Boyle Outlet Drain."	P.F. A-8071
Colchester South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $588.00 for drainage work ("Beer" Drain).	P.F. A-7584
Colchester South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60) By-law No. 426. $1,157.00 for the repair of the Phillip Ferris Drain.	P.F. A-7986
Colchester South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. 426. $530.00 for the repair and improvement of "Rogers Drain."	P.F. A-8073-a
Colchester South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 430. $1,042.40 for the repair and improvement of the "Tofflemire Drain."	P.F. A-8073-b
Collingwood, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,800.00 for the completion of School Building in School Section No. 7, in accordance with its proposed By-law therefor.	P.F. A-8143

Cornwall, Town of	Sec. 310 of “The Mun. Act,” (R.S.O. 1937, C. 266). By-law No. 8. Amending By-law No. 22, 1937, ($240,000.00 for building and equipping an addition to the present Collegiate Institute and making necessary repairs to present building.)	P.F. A-6680
Cornwall, Town of	Sec. 70 of “The Ont. Mun. Board Act,” (R. S. O. 1937, C. 60), and Sec. 310 of “The Mun. Act,” (R.S.O. 1937, C. 266). By-law No. 8. For approval of expenditure of additional cost of Collegiate Institute of $21,500.00 over and above that allowed by the Board's Order dated Sept. 28th, 1937, and of a further Order of the Board dated the 15th day of March, 1938, approving By-law No. 8, 1938, amending its By-law No. 22-1937, reducing the rate of interest on the authorized debenture issue of $240,000.00 from 3½ to 3¼ per cent.	P.F. A-6680
Cornwall, Town of	Sec. 89 of “The Ont. Mun. Board Act, 1932,” as enacted by Sec. 4, Ch. 51, Ontario Statutes, 1935. By-law No. 13. $3,794.65 for the construction of certain sidewalks and sewer, as Local Improvements (on Petition) in accordance with proposed By-law No. 13-1937 therefor.	PF. A-7800-a
Cornwall, Town of	Sec. 89 of “The Ont. Mun. Board Act, 1932,” as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 26. $4,785.22 for the construction of concrete sidewalks on Gloucester St., Sixth St., Fourth St., Augusta St., Seventh St., Sydney St., Race St., Lennox St., as Local Improvements (on Petition).	P.F. A-7800-b
Cornwall, Town of	Sec. 89 of “The Ont. Mun. Board Act, 1932,” as enacted by sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 29. $623.58 for the construction of certain sidewalks in the said Town as Local Improvements (on Petition).	P.F. A-7800-c
Cornwall, Township of	Sec. 420 (11) of “The Mun. Act,” (R.S.O. 1937, C. 266). By-law No. 1377. Annual Fee for Licenses to Residents owning and using any bicycle upon any highway of the said Town.	P.F. A-7908
Cornwall, Town of	Sec. 70 of “The Ont. Mun. Board Act,” (R. S. O. 1937, C. 60). By-law No. 29. $650.00 for the construction of a Sewer on Eighth St. from Amelia to Adolphus Sts. as a Local Improvement (on Petition).	P.F. A-7938
Cornwall, Town of	Sec. 70 of “The Ont. Mun. Board Act,” (R. S. O. 1937, C. 60.) By-law No. 20. $1,202.48 for the construction of certain sidewalks as Local Improvements (on Petition).	P.F. A-7939
Cornwall, Town of	Sec. 70 of “The Ont. Mun. Board Act,”' (R. S. O. 1937, C. 60). By-law No. 26. $10,255.00 for the construction of certain concrete pavements as Local Improvements (on Petition).	P.F. A-7939-a

Cornwall, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 29. $14,957.00 for extensions and improvements to its waterworks distribution system.	P.F. A-7963
Cornwall, Town of	Part IV of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 18. $22,381.65 upon debentures to pay for the construction of the local improvements set out in the schedules thereto annexed.	P.F. A-8055
Cornwall, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 28. $12,500.00 for extensions and additions to the waterworks distribution system.	P.F. A-8086
Creemore, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 473. $4,000.00 for the purchase of Lots 10, 11 and 12 on the north side of Caroline St. for a Village Hall.	P.F. A-7418
Crowland, Township of	Part. IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 376. $2,706.28 for construction of a sewer on Chaffey St. from Devon St. to Ontario Road, in Sewer Area No. 2 in the said Township.	P.F. A-7398
Crowland, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 377. $2,961.89 for construction of a sewer on Dain Ave. from Devon St. to Ontario Rd. in Sewer Area No. 2 of the said Township.	P.F. A-7399
Dawn, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,714.00 for the repair and improvement of the McLellan Drain in accordance with the Report of Geo. A. McCubbin, O.L.S., M.E.I.C., dated May 21st, 1938.	P.F. A-7553-a
Dawn, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,817.00 for the repair and improvement of the Knight and Kniffen Drain, in accordance with the report of Geo. A. McCubbin, O. L. S., M.E.I.C., dated May 21st, 1938.	P.F. A-7553-b
Dawn, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $1,115.00 for the repair and extension of the Second Concession Blind Line Drain.	P.F. A-7688
Dawn, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $442.00 for the repair of the Dawn Centre Drain in the Township of Dawn.	P.F. A-7773
Delaware, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1102. $14,000.00 to build and equip a School House in School Section No. 2 in the said Township.	P.F.A-7690

Delaware, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1104. $3,000.00 for the erection and equipment of a school house in School Section No. 3.	P.F. A-7831
Delhi, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $55,000.00 for the purchase and rehabilitation of the Electrical Distribution System, owned and operated by the Delhi Electric Light and Power Company, Limited.	P.F. A-7275
Delhi, Village of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 322. $55,000.00 for the purchase and re-habilitation of the Electrical Distribution System owned and operated by the Delhi Electric Light and Power Company, Limited.	P.F. A-7275-a
Denbigh, Abinger & Ashby Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 246. Providing for the amalgamation of Public School Sections Nos. 2, 4, 5, 6, 7, 8, 9 and 10, into one Township area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7626
Denbigh, Abinger & Ashby Townships of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 246. Providing for the amalgamation of Public School Sections 2, 4, 5, 6, 7, 8, 9 and 10 into one Township School Area, and of the Report of the Referee appointed by Order of the Board dated July 4th, 1938, to value, adjust and determine all rights and claims (if any) between the respective parts of the Townships comprising the School Sections so united.	P.F. A-7626
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,315.00 for the repair and improvement of the South Cadotte Mechanical Drainage Works.	P.F. A-7420-a
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,250.00 for the repair and improvement and variation of the basis for levying the annual cost of maintaining and operating the North Cadotte Mechanical Drainage works.	P.F. A-7420-b
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $11,276.00 for the repair and improvement of the "Boyle" Drain.	P.F. A-7523
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $900.00 for the repair and improvement of the Charbonneau Drain in the said Township.	P.F. A-7791

Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $825.00 for the repair and improvement of the "Hoover" Drain in the said Township.	P.F. A-7954
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,120.00 for the repair and improvement of the "Mount Creek" Drain in accordance with its provisionally adopted By-law therefor.	P.F. A-8012-a
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $925.00 for the repair and improvement of the "Gordon" Drain in accordance with its provisionally adopted By-law therefor.	P.F. A-8012-b
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,380.00 for the repair and improvement of the "Blair" Drain, in accordance with its provisionally adopted By-law therefor.	P.F. A-8012-c
Dover, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. .... $325.00 for drainage work ("Bachand" Drain) in accordance with its proposed By-law No. .... therefor.	P.F. A-8082
Drury, Denison and Graham, United Townships of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $5,000.00 for the construction of a new school in School Section No. 1, in accordance with its proposed By-law therefor.	P.F. A-7818
Dundas, Town of	Sec. 12, (6) of "The Public Parks Act," (R. S. O. 1937, C. 285). By-law No. 1. For approval of the collection of an admission fee not exceeding 50c (exclusive of the Grand Stand charge) to the Steele Annex Sports Field.	P.F. A-7445
Dunnville, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 7. $35,000.00 for erecting an addition to the High School in the said Town.	P.F. A-7430
Dunwich, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 1231. For approval of the undertaking of a capital expenditure of $170.00 for drainage work ("J. M. Blue" Drain).	P.F. A-7269
Dunwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1237. $3,500.00 for the purchase of fire engines, hydrants, apparatus and appliances.	P.F. A-7588
Dunwich, Township of	Sec. 311 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1247. A By-law to repeal the residue of $900.00 not required, pursuant to its By-law No. 1237 ($3,500.00 for fire fighting equipment).	P.F. A-7588
Dunwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1241. $267.50 for drainage work for the repair of the Brown Drain.	P.F. A-7750

Dunwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1242. $353.20 for the drainage work for the repair of the Currie Drain.	P.F. A-7827
Dunwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1244. $299.00 for drainage work for the completion of the Wm. C. McMillan Drain.	P.F. A-7946
Dunwich, Township of	Sec. 70 of "The Ont. Mun. Board Act." (R.S.O. 1937, C. 60). By-law No. 1248. $636.00 for the construction of the "Ross Jewell" Drain.	P.F. A-8094
Dymond, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 370. $6,600.00 for construction of certain sewers for cellar drainage.	P.F. A-7528
Dymond, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 363. $6,370.00 for construction of a sewer for cellar drainage on Whitewood Ave., Smith St. and Grills St. as a Local Improvement (on Petition).	P.F. A-7528
Dymond, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 363. An Order of this Board dated the 2nd day of June, A.D. 1938, approving of $6,370.00 for construction of a sewer for cellar drainage on Whitewood Ave., Smith St., and Grills St. as a Local Improvement (on Petition), and of an Application for approval of the undertaking of a further capital expenditure of $300.00 for additional cost of the said work.	P.F. A-7528-a
East Oxford, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,397.60 for drainage purposes.	P.F. A-7522
East Oxford, Township of	Sec. 311 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1112. For approval of its By-law No. 1112 being a By-law to amend its By-law No. 1105 by repealing the said By-law No. 1105 as to the residue not required thereunder.	P.F. A-7522
East Oxford, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-laws Nos. 1107 and 1108. $724.40 for drainage purposes in the said Township.	P.F. A-7895-a-b
East Oxford, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $395.12 for the construction of a sidewalk on the south side of the Townline between the City of Woodstock and the Township of East Oxford, as a Local Improvement (on Petition), and the passing of a By-law therefor.	P.F. A-7941
East Windsor, Walkerville, Windsor and Sandwich, Municipalities of	"The City of Windsor (Amalgamation) Act, 1935." Plan for Funding and refunding the Debts of the Amalgamated Municipalities of East Windsor, Walkerville, Windsor and Sandwich.	P.F. A-6222

East Windsor, Walkerville, Windsor and Sandwich, Municipalities of	"The City of Windsor (Amalgamation) Act, 1935." A Plan for funding and refunding the Debts of the Amalgamated Municipalities of East Windsor, Walkerville, Windsor and Sandwich.	P.F. A-6222
East Windsor, Walkerville, Windsor and Sandwich, Municipalities of	"The City of Windsor (Amalgamation) Act, 1935." A Plan for Funding and Refunding of the Debts of the Amelgamated Municipalities of East Windsor, Walkerville ,Windsor and Sandwich.	P.F. A-6222
East York, Township of	Sec. 2 of "The Township of East York Act, 1935," and Sec. 5 of "The Township of East York Act, 1935." By-law No. 2681. Providing for the dissolution of the several Public School Sections of the said Township and for the creation of a new Public School Section in lieu thereof.	P.F. A-6120
East York, Township of	Sec. 458 of "The Mun. Act," and Sec. 5 of "The Township of East York Act, 1937, being Ch. 88 O.S. 1937." For a Declaration that the "East York-Leaside Viaduct" shall be assumed by the County of York as a County Bridge, or, failing such declaration, for the fixing by the Board o the proportions of the cost of maintenance as between the Township of East York and the Town of Leaside.	P.F. A-6832
East York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $9,370.25 for the construction of a 28' pavement surface with curb on Greenwood Ave. and Watermain on O'Connor Drive as Local Improvements in accordance with Notice of Intention dated July 8th, 1938.	P.F. A-7813-a-b
East York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2844. For the approval of the construction of certain Local Improvement Works in accordance with its Council's Notice of Intention dated the 2nd day of Sept. 1938, and of the Capital Expenditure of $950.00 involved therein, and of the passing of its proposed By-law therefor.	P.F. A-7965
Edwardsburg, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1053. $2,874.85 for drainage work.	P.F. A-7114-a
Ekfrid, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1035. $434.00 for drainage work for the construction of the Hodgson Drain.	P.F. A-7826
Ekfrid, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1033. $1,476.00 for the repair of the "Macfie" Drain in the said Township.	P.F. A-7858
Ekfrid, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,031.52 for the repair of the "Harnett" Drain in accordance with its provisionally adopted By-law therefor.	P.F. A-8040

Elma, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 24. For approval of the undertaking of a capital expenditure of $205.85 for drainage work ("The Grey and Centre Branches of the North West" Drain).	P.F. A-7279
Elma, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 28. $20,000.00 for the construction of Tile Drains.	P.F. A-7498
Elma, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 30. $5,040.75 for drainage work ("The 14th Concession" Drain).	P.F. A-7573
Elma, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 31. $2,600.00 for the erection of a schoolhouse in School Section No. Seven, Township of Elma.	P.F. A-7672
Elma, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 34 and 35. $5,527.65 for the repair and improvement of the Ellice-Maitland Relief Drain, and $3,564.00 for the repair and improvement of the Johnston Drain.	P.F. A-7774-a-b
Elmira, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $83,000.00 for the cost of acquiring a site and of building and equipping a High School in the said Town.	P.F. A-7372
Elmira, Town of	Part 4 of "The Ont. Mun. Board Act," (R. S.O. 1937, C. 60). By-law No. 659. $83,000 for the cost of acquiring a site and of building and equipping a High School in the said Town.	P.F. A-7372-a
Englehart, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 304. $5,000.00 for the construction of a pavement on Third St. as a Local Improvement (on Petition).	P.F. A-7787
Ennismore, Township of	Sec. 502 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 490. Establishment of a highway over part of Lot No. 6 in the Third Concession of the said Township at a width less than sixty-six feet.	P.F. A-7987
Esquesing, Township of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year.	P.F. A-7928
Etobicoke, Township of	Part V of "The Ontario Municipal Board Act, 1932." By-law No. 6045. $400,000 for Floating Indebtedness.	P.F. A-7165-a

Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act." (R.S.O. 1937, C. 266). By-law No. 4026. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4026, and for authority to issue such debentures more than two years after the date of the passing of the original Bylaw.	P.F. A-7432 (See P.F. A-4944)
Etobicoke, Township of	Sec. 310 and Sec. 305, (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4052. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4052, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7506
Etobicoke, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 4052. As amended by By-law No. 6086 in regard to balance of debenture issue of $34,689.11 thereunder.	P.F. A-7506-a
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4053. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4053, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7507
Etobicoke, Township of	Sec. 310 and Sec. 305, (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4045. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4045, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7508
Etobicoke, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 4045. As amended by By-law No. 6085 in regard to balance of debenture issue of $5,568.79 thereunder.	P.F. A-7508-a
Etobicoke, Township of	Sec. 310 and Sec. 305, (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 3976. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 3976, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7614
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 3964. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law 3964, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7847

Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4056. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4056, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7848
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4057. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4057 and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7849
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4074. For authority to reduce the rate of interest on and to issue new debentures in place of the debentures issued by it under By-law No. 4074, and for authority to issue such debentures more than two years after the date of the passing of the original By-law.	P.F. A-7850
Etobicoke, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 6105. For approval of the construction of certain Local Improvement Works in accordance with its Council's Notice of Intention dated the 17th day of August, A.D. 1938, and of the capital expenditure of $55,000.00 involved therein, and of the passing of its provisional By-law No. 6105 therefor.	P.F. A-7899
Etobicoke, Township of	Sec. 406 of "The Mun. Act." (R.S.O. 1937, C. 266). By-law No. 6103. For approval of its By-law No. 6103 pursuant to Sec. 406 of "The Mun. Act."	P.F. A-7937
Etobicoke, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 6073. For the approval of the construction of certain sanitary sewers as Local Improvements in accordance with its Council's Notice of Intention dated the 31st day of Jan., 1938, and of the capital expenditure of $90,000.00 involved therein and of the passing of its proposed By-law No. 6073 therefor.	P.F. A-8032
Etobicoke, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 6101. For the approval of the construction of certain sanitary sewers as local improvements in accordance with its Council's Notice of Intention dated the 15th day of June, 1938, and of the expenditure of $44,000.00 involved therein and of the passing of its proposed By-law No. 6101 therefor.	P.F. A-8033

Etobicoke, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of construction of a watermain on Lynngrove Ave. from Brentwood Road to the west boundary of Lot 44, Plan 2864 as a Local Improvement in accordance with its Council's Notice of Intention dated the 12th day of October, A.D. 1938, and of the capital expenditure of $1,225.00 involved therein and of the passing of a by-law therefor.	P.F. A-8036
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 5048. For authority to reduce the rate of interest on the debentures to be issued under its By-law No. 5048, and for authority to issue such debentures more than two years after the date of the passing of the said By-law.	P.F. A-8109
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 5049. For authority to reduce the rate of interest on the debentures to be issued under its By-law No. 5049 and for authority to issue such debentures more than two years after the date of the passing of the said By-law.	P.F. A-8110
Etobicoke, Township of	Sec. 310 and Sec. 305 (11), of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 5050. For authority to reduce the rate of interest on the debentures to be issued under its By-law No. 5050, and for authority to issue such debentures more than two years after the date of the passing of the said By-law.	P.F. A-8111
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 5052. For authority to reduce the rate of interest on the debentures to be issued under its By-law No. 5052, and for authority to issue such debentures more than two years after the date of the passing of the said By-law.	P.F. A-8112
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 5054. For authority to reduce the rate of interest on the debentures to be issued under its By-law No. 5054, and for authority to issue such debentures more than two years after the date of the passing of the said By-law.	P.F. A-8113
Etobicoke, Township of	Sec. 310 and Sec. 305 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 5056. For authority to reduce the rate of interest on the debentures to be issued under its By-law No. 5056, and for authority to issue debentures more than two years after the date of the passing of the said By-law.	P.F. A-8114

Etobicoke, Township of	"The Township of Etobicoke Act, 1923," and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $690.00 for the construction of a 6" watermain on Estelle Ave. from Brentwood road to East Boundary of Lot 6, Plan 2791, (Water Area No. 8).	P.F. A-8200
Euphemia, Township of	Sec. 70 (R.S.O. 1937, C. 60), of "The Ont. Mun. Board Act." By-law No. 728. $1,843.75 for drainage work ("Fansher Creek" Drain).	P.F. A-7307
Euphemia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 732. $486.00 for the repair and improvement of the "Eacott" Drain.	P.F. A-7761
Euphemia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 734. $1,234.00 for drainage work for the repair of the drain along the First Concession Road of the said Township.	P.F. A-7872
Euphemia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 735. $494.00 for drainage work ("Glass" Drain).	P.F. A-8090
Euphrasia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 9. $2,000.00 for the remodelling of Union School house No. 6, Euphrasia and Collingwood.	P.F. A-7970
Exeter, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 4. $15,000.00 for additional building accommodation and equipment for the High School.	P.F. A-7633
Exeter, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). Of an Order of the Board dated the 24th day of August, A.D. 1938, approving of the Expenditure of $15,000.00 for High School purposes, and of an application by the said Corporation for an increase in the Amount of the said Undertaking of $4,000.00	P.F. A-7633
Faraday, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 307. Providing for the amalgamation of Public School Sections Nos. 2, 3, 4, 5, 6, and 8, into one Township School Area, and of the appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7663
Forest Hill, Village of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1032. A By-law to place restrictions on Fairleigh Cres., Connaught Ave., and Whitmore Ave., west of Rosebury Ave.	P.F. A-6336

Forest Hill, Village of	Sec. 406 (2b) of “The Mun. Act,” (R.S.O. 1937, C. 266). By-law No. 1089. A By-law to amend its Restricted Area By-law No. 285, to permit the use of land on the east side of Dunloe Road from Hawarden Cres. northerly to the north limit of Lot No. 55, Plan 824, for school purposes.	P.F.A-6607
Forest Hill, Village of	Sec. 70 of “The Ont. Mun. Board Act,” (R. S. O. 1937, C. 60), and Sec. 315 (2) of “The Mun. Act,” (R.S.O. 1937, C. 266). $470.39 for the construction of a 28 foot asphalt pavement on Chaplin Cres. from Duncannon Dr. to Elmsthorpe Ave. within the Village of Forest Hill, as a Local Improvement, and the passing of a By-law therefor.	P.F. A-6779-a
Forest Hill, Village of	Sec. 306 (2) of “The Mun. Act,” Sec. 399 (2) of “The Mun. Act.” By-law No. 1149. $51,200.00 for construction of Storm Sewer in rear of Spadina Road and Trunk Sewer at Russell Hill Road at the northerly end thereof.	P.F. A-7102-a
Forest Hill, Village of	Sec. 70 of “The Ont. Mun. Board Act,” (R.S.O. 1937, C. 60). $4,375.00 for the draining and paving of lane at the rear of the Eglinton Ave. lots between Bathurst St. and Hilltop Road as a local improvement (on petition) as set forth in the Notice of Application dated the 2nd day of December, A.D. 1937.	P.F. A-7182-b
Forest Hill, Village of	Sec. 406 (2b) of “The Mun. Act,” (R.S.O. 1937, C. 266). By-law No. 1161. To permit of the erection of a garage on Lot No. 66, Range 1, Plan 734.	P.F. A-7239
Forest Hill, Village of	The Trusts and Guarantee Company, Limited. William R. Worthington, Ralph F. Carter, W. Claude Carter, John R. Carter “The Municipal Act,” Revised Statutes of Ontario, 1927, Ch. 233, Sec. 343 (11). For the appointment of an arbitrator.	P.F. A-7240
Forest Hill, Village of	Sec. 306 (2) of “The Mun. Act.” For approval of the further debt to be incurred and levies to be made in respect to certain capital expenditures, the undertaking of which is already approved by the Board ($65,940.00).	P.F. A-7277
Forest Hill, Village of	Sec. 406 (2b) of “The Mun. Act,” (R.S.O. 1937, C. 266). By-law No. 1170. To vary the restrictions on Lot No. 38 on the east side of Hilltop Road, according to Plan 1850.	P.F. A-7284
Forest Hill, Village of	Sec. 8 of “The Local Improvement Act,” (R.S.O. 1937, C. 269), and Sec. 70 of “The Ont. Mun. Board Act,” (R.S.O. 1937, C. 60), and Sec. 315 (2) of “The Mun. Act,” (R.S.O. 1937, C. 266). $1,506.00 for the construction of a watermain in Bathurst St. from Dewbourne Ave to Rosemary Lane, in accordance with Local Improvement Notice dated 7th January, 1938.	P.F. A-7294

Forest Hill, Village of	Sec. 406, (2b) of "The Mun. Act." By-law No. 1183. A By-law to vary the restrictions on Lots 36 and 37 on the west side of Hilltop Road according to Plan 1850.	P.F. A-7365
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,570.00 for the construction of a watermain on the north side of Eglinton Ave. from Old Park Road to Glenarden Road, as a Local Improvement, (on Petition).	P.F. A-7393
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315, (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,941.00 for the construction of a watermain on Bathurst St. (east side) from Dewbourne Ave. to Ava Road, as a Local Improvement, (on Petition).	P.F. A-7403
Forest Hill, Village of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266), and Sec. 29 (3) of "The Local Improvement Act," (R.S.O. 1937, C. 269). $700.00 for the establishment of a lane at the rear of Lots fronting on the north side of Eglinton Ave. between Old Park Road and Hilltop Road, in accordance with Local Improvement Notice dated 17th of March, 1938. $7,200.00 for the construction of a concrete pavement in the lane at the rear of Lots fronting on the north side of Eglinton Ave., between Hilltop Road and Old Park Road, in accordance with Local Improvement Notice dated 17th of March, 1938.	P.F. A-7408
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,351.00 for the construction of a watermain on Whitmore Ave. from the East Limit of Lot No. 103 to Glenarden Road, as a Local Improvement, (on Petition).	P.F. A-7424
Forest Hill, Village of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1194. To place restrictions on Lots Nos. 3, 4, 5, 6 and 7 and the southerly 14' of Lot No. 2, having a frontage of 15' 1¼" more or less on the east side of Spadina Road, according to Plan 1860.	P.F. A-7470
Forest Hill, Village of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1197. A By-law to permit of the erection of duplex houses to face on Spadina Road upon lands south of Kilbarry and Burton Roads	P.F. A-7497

Forest Hill, Village of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1201, also 1216. A By-law to place restrictions on Dacotah St., Iroquois St., Mohican St., Ridelle Ave., Rosebury Ave., and Roselawn Ave., and to amend By-laws Nos. 112 and 907 and of its By-law No. 1216, a By-law to amend By-law No. 1201, being a By-law to place restrictions on Dacotah St., Iroquois St., Mohican St., Ridelle Ave., Rosebury Ave. and Roselawn Ave., and to amend By-laws Nos. 112 and 907.	P.F. A-7539
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $7,000.00 for the construction of a pavement on Hilltop Road from Old Forest Hill Road to Hopewell Ave. as a Local Improvement (on Petition) and the passing of a By-law therefor.	P.F. A-7546
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,630.00 for the construction of a storm and sanitary sewer in Hilltop Road from Old Forest Hill Road to Hopewell Ave., as a Local Improvement (on Petition) and the passing of a By-law therefor.	P.F. A-7546
Forest Hill, Village of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1195. A By-law to permit of the use of Lots Nos. 1, 2 and 3, Plan M. 165, for parking of cars in addition to other uses permitted.	P.F. A-7566
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). Approval of $1,300.00 for the construction of a six-foot concrete sidewalk in the south side of Eglinton Ave. from Old Forest Hill Road to Bathurst St. within the said village as a Local Improvement, (on Petition) and the passing of a By-law therefor.	P.F. A-7571
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $12,150.00 for the construction of a pavement on Connaught Ave. from Eglinton Ave. to the south street line of Whitmore Ave. as a Local Improvement (on Petition), and the passing of a By-law therefor.	P.F. A-7642
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $150,000.00 for the purchase of land for the enlargement of the present school site, the erection of a building and equipping the same.	P.F. A-7654
Forest Hill, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $10,358.00 for the construction of a watermain and sewer on Fairleigh Cres. as a Local Improvement (on Petition) and the passing of a By-law therefor.	P.F. A-7702-a-b

Forest Hill, Village of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of construction of a watermain in Ridelle Ave. from Pontiac St. to Dacotah St. as a Local Improvement in accordance with its Council's Notice of Intention dated the 28th day of Sept. A.D 1938, and of the expenditure of $6,044.00 involved therein and the passing of a By-law therefor.	P.F. A-7975
Forest Hill, Village of	Sec. 29 (3) of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,530.00 for the construction of a 14' Asphalt pavement on lane at rear of Lots fronting on the south side of Eglinton Ave. from Duncannon Dr. to Elmsthorpe Ave. as a Local Improvement (on Petition) and of a certain proposed By-law therefor.	P.F. A-8016
Forest Hill, Village of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1254. For approval of By-law No. 1254, a By-law to amend By-law No. 98, a By-law to regulate the location of buildings on Old Forest Hill Road.	P.F. A-8117
Fort Erie, Town of	Sec. 420 (11) of "The Mun. Act," (R.S.O 1937, C. 266). By-law No. 831. Annual Fee for a license to Residents owning and using a bicycle upon any highway of the said Town.	P.F. A-8129
Fort William, City of	Sec. 18 of "The Local Improvement Act." (R.S.O. 1937, C. 269). By-law No. 3552. Amending its By-law No. 3529, abandoning part of certain Local Improvement Works, Arthur Street.	P.F. A-6738-1
Fort William, City of	Sec. 26, Subsec. 3 of "The Local Improvement Act." (R.S.O. 1937, C. 269). By-law No. 3557. Apportioning the cost of the construction of a pavement on portions of Arthur Street, constructed in accordance with its By-law No. 3529 as amended by By-law No. 3552.	P.F. A-6738-a-1
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $40,000.00 for acquiring a site for and establishing an Air Harbour and for Landing Ground.	P.F. A-7207
Fort William, City of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ontario Statutes, 1935 and Sec. 2, Ch. 45, Ontario Statutes, 1936. For authority to guarantee the Bonds of Fort William Sanitarium to the extent of $41,666.66 in accordance with its provisionally adopted By-law therefor.	P.F. A-7244
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act." By-law No. 3587. "A By-law to consolidate the sums authorized to be borrowed by certain Local Improvement By-laws into one sum of $88,524.12 and to borrow the same by the issue of debentures therefor," and the said Local Improvement By-laws Nos. 3566, 3567, 3568, 3569, 3571 and 3586, inclusive, therein referred to.	P.F. A-7371

Fort William, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 3566, 3567, 3568, 3569, 3570, 3571. For construction of certain Local Improvements as hereinafter recited.	P.F. A-7371-a-f
Fort William, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $11,846.00 for the construction of a 12" tile sewer on McLoughlin St. from Christie St. to Pacific Ave., in accordance with Local Improvement Notice published March 1st, 1938.	P.F. A-7378
Fort William, City of	Secs. 69 and 70 of "The Ont. Mun. Board Act." (R.S.O. 1937, C. 60). Pavements on Park Ave. from the City Road to the Street Railway Loop at Chippewa Park, at an estimated cost of $18,000.00, and on James St. from Montreal St. to Gore St. (less the James St. subway approaches) at an estimated cost of $9,786.00.	P.F. A-7386 & A-7640-a
Fort William City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Numbers 3579 and 3580. $1,889 14 in accordance with proposed By-laws Numbers 3579 and 3580.	P.F. A-7423-e & f
Fort William, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269) and Sec. 70 of "The Ont. Municipal Board Act," (R.S.O. 1937, C. 60). For approval of the undertaking by the said Corporation of the works hereinafter mentioned and for the approval of the Board required by Sec. 70 of "The Ont. Mun. Board Act."	P.F. A-7423
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $1,634.00 for construction of concrete walk, curb and boulevard on Franklin St. and Plankwalk on Christie Street as a Local Improvement (on Petition).	P.F. A-7525
Fort William. City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60) and Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). $10,042.00 for construction of certain Local Improvements in accordance with the provisions of "The Local Improvement Act."	P.F. A-7576-a-2 7576-a-1 7639-a 7639-b 7576-b
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act, (R.S.O. 1937, C. 60). By-law No. 3563. $693.28 for the installation of Sanitary Sinks and Closets in connection with private Sewer Connections in the said City.	P.F. A-7653-a
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 3564. $4,560.04 for the construction of private Sewer Connections in the City of Fort William.	P.F. A-7653 (b)

Faraday, Township of	Sec. 16 of "The Public Schools Act," (R.S.O. 1937, C. 357). By-law No. 307. Providing for the amalgamation of Public School Sections, 2, 3, 4, 5 and 6 and 8 into one Township School Area, and of the Referee appointed by Order of the Board dated July 15th, 1938, to value, adjust and determine all rights and claims (if any) between the respective School Sections so united.	P.F. A-7663
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $974.00 for the construction of a plank sidewalk on the north side of Amelia St. and a concrete sidewalk on the North side of Sills St. as a Local Improvement (on Petition) and the passing of a By-law therefor.	P.F. A-7677
Fort William, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $8,173.00 for concrete and plank sidewalks as Local Improvements (on Petition) and the passing of a By-law therefor.	P.F. A-7739
Fort William, City of	Sec. 27 (3) of "The Local Improvement Act," (R.S.O. 1937, C. 269). By-law No. 3606. For approval of its By-law No. 3606, apportioning the cost of pavement on Arthur St. from the Right-of-Way of the Canadian National Railway to Neebling Ave.	P.F. A-7789
Galt, City of	Part V. of "The Ont. Mun. Board Act, 1932." By-law No. 3156. $11,250.00 to pay for part of the cost of certain improvements and additions to the Freeport Sanitarium.	P.F. A-7195-a-1
Galt, City of	Sec. 89 of "The Ontario Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. For approval of the undertaking of a capital expenditure of $2,547.30 for the construction of a Sanitary Sewer on Scott St. from Main St. to Munroe St. as a Local Improvement (on Petition).	P.F. A-7259
Galt, City of	Sec. 407 (16) of "The Mun. Act," (R.S.O. 1937, C. 266), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $10,100.00 for Fire Fighting Equipment.	P.F. A-7511
Galt, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,625.16 for the construction of watermain on portion of Scott St. as a Local Improvement (on Petition).	P.F. A-7518
Galt, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $278.35 for the construction of a concrete sidewalk on the west side of Lowrey Ave. south from the south boundary of Lot No. 12, in accordance with Notice of Intention, dated April 26th, 1938.	P.F. A-7531
Galt, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $790.20 for the construction of cement concrete curb and gutter on both sides of Lowrey Ave. South from Concession St. to South end of Lowrey Ave. as a Local Improvement (on Petition).	P.F. A-7537

Galt, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $949.00 for the construction of a sanitary sewer on Dalgleish St. from South St. to the southerly end of Dalgleish St. in accordance with Notices of Intention published June 8th, 1938.	P.F. A-704
Galt, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $12,000.00 for the construction of Public Lavatories, Water Closets and like Conveniences in accordance with its proposed By-law therefor.	P.F. A-7806
Galt, City of	Sec. 297 (5) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 3220. For extension of time to pass its By-law No. 3220—$12,000.00 for the construction of Public Lavatories.	P.F. A-7806
Galt, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 3220. $12,000.00 for construction of Public Lavatories, Water Closets and like Conveniences for the City of Galt.	P.F. A-7806
Galt, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60. $815.00 for the construction of a six-inch watermain on Main St. from Flora St. to Dundas St. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7929
Galt, City of	Sec. 326 of "The Mun. Act," (R.S.O. 1937 C. 266). By-law No. 3237. For approval of By-law No. 3237, providing for the investment of a portion of certain Sinking Funds of the Corporation in debentures under its By-law No. 3196—$10,100.00 for Fire Apparatus.	P.F. A-8169
Georgetown, Town of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and of Sec. 70 of "The Ontario Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 382. For authority to issue debentures in the sum of $14,800 for certain floating indebtedness (Housing Commission Debt to the Province of Ontario).	P.F. A-7281
Georgetown, Town of	Sec. 69 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 382. $14,800.00 for Floating Indebtedness (Housing Commission Loan).	P.F. A-7281
Georgetown, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 382. $14,800.00 for certain floating indebtedness —Housing Commision Debt to the Province of Ontario.	P.F. A-7281-a
Georgetown, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $7,500.00 for the construction of pavement as a local improvement (on Petition).	P.F. A-7661

Georgetown, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 3814. For approval of certain local improvements and of a capital expenditure of $908.00 in accordance with its Notice of Intention published the 24th and 31st days of August, 1938, and the passing of its proposed By-law No. 3814 therefor.	P.F. A-7816
Geraldton, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60) $10,000.00 for the erection and equipment of an addition to the public school in accordance with its proposed By-law therefor.	P.F. A-7804
Geraldton Realty Limited, Geraldton, Town of	Sec. 84 of "The Assessment Act," an Appeal from the Judge of the District Court of the District of Thunder.	P.F. A-8015
Geraldton, Town of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow in excess of 70% of the estimated revenues of the Corporation for the current year.	P.F. A-8019
Glamorgan, Municipality of	Sec. 16 of "The Public Schools Act," (R.S.O. 1937, C. 357). By-law No. 734. Providing for the amalgamation of Public School Sections 3 and 6 into one Township Area, and of the appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7717
Glamorgan, Township of	Sec. 16 of "The Public Schools Act" (R.S.O. 1937, C. 357). By-law No. 734. Providing for the amalgamation of Gooderham Consolidated School Section Nos. 2, 4 and 5 and Public School Sections 3 and 6 into one Township School Area, and of the Report of the Referee appointed by Order of the Board dated July 27th 1938, to value, adjust and determine all rights and claims (if any) between the respective parts of the Township comprising the School Sections so united.	P.F. A-7717
Union Gas Company of Canada, Limited, Glencoe, Village of	"The Mun. Franchises Act," (R.S.O. 1937, C. 277). and Sec. 8 of "The Mun. Franchises Act." By-law No. 407. For a certificate of Public Convenience and Necessity pursuant to Sec. 8 of "The Mun. Franchises Act," and of By-law No. 407, of the Village of Glencoe granting the right to the said Company to construct works to supply and to supply gas to residents of the Village of Glencoe.	P.F. A-7501
Goderich, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), By-law No. 10. $11,540.00 for erecting and equipping an addition to the Goderich Collegiate Institute.	P.F. A-7417

Goderich, Town of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and of Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $13,000.00 for certain floating indebtedness (Retirement of Ont. West Shore Railway Bonds guaranteed by the Corporation), in accordance with its proposed By-law therefor.	P.F. A-7913
Goderich, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 21. $13,000.00 for floating indebtedness—Retirement of Ontario West Shore Railway Bonds guaranteed by the Corporation.	P.F. A-7913
Gosfield North, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 251. $2,820.98 for drainage work—the repair of the Patterson Drain.	P.F. A-7786
Griffith and Matawatchan, Municipality of	Sec. 16 of "The Public Schools Act," (R.S.O. 1937, C. 357). By-law No. 311. Providing for the amalgamation of Public School Section No. 1 of the Township of Griffith and No. 1 of the Township of Matawatchan, into one Township Area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Townships comprising the School Sections so united.	P.F. A-7718
Griffith and Matawatchan, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 311. Providing for the amalgamation of Public School Sections No. 1 of the Township of Griffith and No. 1 of the Township of Mattawatchan, into one Township Area, and of the Referee appointed by the Board under Order dated July 27th, A.D. 1938, to value, adjust and determine all rights and claims, if any, between the respective parts of the Townships comprising the School Sections so united.	P.F. A-7718
Guelph, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2377. $25,000.00 for the construction of a bridge across the River Speed on the Dundas Road.	P.F. A-6761
Guelph, City of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2377. $25,000.00 for constructing and erecting a new bridge across the River Speed on the Dundas Road, and repairing the approaches thereto.	P.F. A-6761
Guelph, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 684. $25,000.00 for Tile Drainage Loan.	P.F. A-7415
Halton, County of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 721. $9,600.00 for the construction and improvement of Highways forming part of the County Road System.	P.F. A-8118
Halton, County of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year. (a total of 100%).	P.F. A-8035

Chisholm, James and Lennox, John M. G.

Hamilton, City of	Section 84 of "The Assessment Act," (R. S. O. 1937, C. 272). An appeal from the Court of Revision of the City of Hamilton.	P.F. A-7308
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $1,880.00 for the construction of Watermains on Norwood Road from Longwood Road to Paradise Road.	P.F. A-7343
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,074.00 for the construction of a watermain on Paradise Road from Norwood Road to Franklin Ave., in accordance with its proposed By-law therefor.	P.F. A-7343-a
Hamilton, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4955. $4,074.00 for the construction of a watermain on Paradise Road.	P.F. A-7343-a
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,297.00 for the construction of a 6-inch watermain on Kenmore Road, from Norwood Road to Franklin Ave.	P.F. A-7343-b
Hamilton, City of	Sec. 407 (2) of "The Mun. Act," (R. S. O. 1937, C. 266). By-law No. 4920. $2,297.00 for construction of a watermain on Kenmore Road.	P.F. A-7343-b
Hamilton, City of	Sec. 407 (2) of "The Mun. Act," (R. S. O. 1937, C. 266). By-law No. 4915. $1,880.00 for construction of watermain on Norwood Road from Longwood Road to Paradise Road.	P.F. A-7343-c
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,400.00 for the construction of a sewer on Norwood Road from Longwood Road to Paradise Road.	P.F. A-7344
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,900.00 for the construction of a sewer upon petition on Kenmore Road from Norwood Road to Franklin Ave.	P.F. A-7344-b
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,190.45 for the construction of a cement sidewalk and curb on Norwood Road, north side from Paradise Road to Longwood Road as a Local Improvement (on Petition).	P.F. A-7345
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937. C. 60). $8,450.00 for the construction of an asphalt roadway with all necessary drain connections on Norwood Road from Longwood Road to Paradise Road as a Local Improvement (on Petition).	P.F. A-7346-a
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,100.00 for the construction of a watermain on Princess St. from Lottridge St., approximately 450 feet westerly, as approved by the Department of Health for Ontario.	P.F. A-7452

Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,300.00 for the construction of two cross connections from existing 6-inch main on Burlington St. to existing 24-inch main on Burlington St. one west of Wilcox St. and one west of Birmingham St. as approved by The Department of Health for Ontario.	P.F. A-7453
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $5,331.18 for the construction of sidewalk and curb on Kenmore Road, both sides, from Norwood Road to Franklin Ave., as a Local Improvement (on Petition).	P.F. A-7621
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,304.95 for the construction of sidewalk and curb on south side Norwood Road from Paradise Road to Longwood Road, as a Local Improvement (on Petition).	P.F. A-7622
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $24,580.00 for the construction of a pumping station at the corner of Emerson and Ainslie Aves. with a connection to the existing main on Ainslie Ave., and a discharge main from the pumping station along Emerson Ave. from Ainslie Ave. to the Mountain View Boulevard at a point approximately 300 feet west of Goulding Ave., as an improvement to its waterworks system, in the City of Hamilton.	P.F. A-7745
Hamilton, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its By-law No. 4939—(Construction of a pumping station at the corner of Ainslie and Emerson Avenues).	P.F. A-7745-a
Hamilton, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,664.00 for the construction of a 12-inch pipe sewer on MacNab St., from Charlton Ave. to Herkimer St., in accordance with Local Improvement Notice dated the 17th day of June, 1938.	P.F. A-7746
Hamilton, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 266), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,745.00 for the construction of a pipe sewer on Duke St. in accordance with its Notice of Intention dated July 28th, 1938.	P.F. A-7801
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,460.00 for the construction of a pipe sewer on Paradise Road from Norwood Road to Franklin St. as a Local Improvement (recommended by the Local Board of Health).	P.F. A-7846

Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,118.58 for the construction of a cement sidewalk and independent curb on Forsythe Ave., east side from Arnold St. to Traymore St. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7851
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," R.S.O. 1937, C. 60). $850.08 for the construction of an independent curb on Forsythe Ave., west side from King St. to Traymore St. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7852
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $8,300.00 for the construction of an Asphalt Roadway with all necessary drain connections on Forsythe Ave. from King St. to Traymore St. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7853
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60). $2,682.78 for the construction of a Cement Sidewalk on Paradise Road west side from Norwood Road to Franklin Ave., as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7910
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 4958. $6,500.00 for the construction of a Thirty-inch Pipe Sewer on Barton St.	P.F. A-7926
Hamilton, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4958. $6,500.00 for construction of pipe sewer on Barton Street.	P.F. A-7926
Hamilton, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $663.02 for the construction of a cement sidewalk and curb on Sherman Ave., east side from 147 feet south of south street line of Barton St. as a Local Improvement.	P.F. A-8004
Hanover, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $8,600.00 for the construction of sewers in accordance with Local Improvement Notice dated February 10th, 1938.	P.F. A-7356
Harrow, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 70. $30,000.00 for building a Town Hall in the said Town.	P.F. A-7542
Harrow, Town of	Sec. 297 (5) of "The Mun Act," (R.S.O. 1937, C. 266). By-law No. 70. $30,000.00 for building a Town Hall in the said Town.	P.F. A-7542

Harrow, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 75. $1,365.89 for the Corporation's share of the repair and improvement of the "Philip Ferris" Drain.	P.F. A-8125
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 2961, 2962, 2965, 2966, 2967 and 2968. $5,965.55 for Drainage purposes in the said Township.	P.F. A-7694 a-b-c-d-e-f
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 2969, 2970 and 2971. $1,907.82 for Drainage purposes in the said Township.	P.F. A-7779
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. . $479.72 for drainage work for the repair of the "Enos Smith" Drain.	P.F. A-7825-a
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,044.00 for drainage work for the repair and improvement of part of the "Mull" Drain.	P.F. A-7825-b
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,545.00 for drainage work for the repair of the "Rondeau Drains" in accordance with its provisionally adopted By-law therefor.	P.F. A-7825-c
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60). By-law No. 2980. $1,053.00 for the repair and improvement of the "Beaver Creek Drain."	P.F. A-7984-a
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2981. $486.00 for the repair and improvement of the McCallum Drain.	P.F. A-7984-b
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2982. $1,038.00 for the repair and improvement of the Toomey Drain.	P.F. A-7984-c
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $640.00 for the repair and improvement of the "Bell" and "Bisnett" Drain in the said Township in accordance with its proposed By-law therefor.	P.F. A-815[illegible]
Harwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937. C. 60). $939.00 for the repair etc., of the "Pinder" Drain in accordance with its proposed By-law therefor.	P.F. A-8155
Hawk Junction Public School Board	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $5,500.00 for erection of a two-room school.	P.F. A-7698
Hearst, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $13,000.00 for public school purposes.	P.F. A-7108
Sheridan, Loretta May Minnie, The Minister of Highways for the Province of Ontario.	Sec. 79 of "The Highway Improvement Act," (R.S.O. 1937, C. 56). Claim for compensation.	P.F. A-7186

Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $980.00 for the repair and improvement of the "Eskritt" Drain in the said Township.	P.F. A-7302
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $391.10 for the repair of the Scafe Drain in the said Township.	P.F. A-7468
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60). $2,266.99 for drainage work ("McCargon" Drain).	P.F. A-7579-a
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act." (R.S.O. 1937, C. 60). $470.00 for drainage work ("Luther" Drain).	P.F. A-7579-b
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $366.00 for repairing the Open Portion of the McDiarmid Drain in the said Township.	P.F. A-7667-a
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,545.60 for the repair of the Rushton Drain.	P.F. A-7667-b
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,684.17 for drainage work for repair of the East Branch of the Bell or Crawford Drain and for the repair of the Curtis Cuttoff Drain.	P.F. A-7760 & 7760-a
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 28. $491.25 for the repair etc., of the "McKay" Drain in the said Township.	P.F. A-7871
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. . $1,111.00 for the construction of the "Hebblethwaite" Drain in the said Township.	P.F. A-7949
Howard, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $206.75 for the repairing of the "Williams" Drain in accordance with its provisionally adopted By-law therefor.	P.F. A-8013
Humphrey, Township of	Secs. 102 and 103 of "The Telephone Act, (R.S.O. 1937, C. 261). For authority to make a special levy of $13.81 upon each and every subscriber of the System.	P.F. A-7924
Huntsville, Town of	Sec. 59 (d) of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $10,000.00 for certain Floating Indebtedness (completion of Main St. widening and resurfacing bridge approaches, etc.), in accordance with a certain proposed By-law therefor.	P.F. A-7828
Huntsville, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 588. $10,000.00 for Floating Indebtedness — completion of Main St. widening and resurfacing bridge approaches, etc.	P.F. A-7828-a
Ingersoll, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1080. $4,200.00 Housing Commission Debt to the Province of Ontario.	P.F. A-7230-a

Ingersoll, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $6,000.00 for the paving of Catherine and King Hiram Sts., in accordance with the Local Improvement Notice dated May 17th, 1938.	P.F. A-7551
Ingersoll, Town of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60). $3,200.00 for the paving of William St. between Thames St. and Mutual St. as a Local Improvement (on Petition) in accordance with a certain proposed By-law therefor.	P.F. A-7551-a
Innisfil, Township of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60). $5,000.00 for certain additions to the Lefroy Continuation School, and to provide for the purchase of equipment.	P.F. A-7568
Johnson, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 191. $2,000.00 for the erection of an addition to School Section No. 4.	P.F. A-7776
Kaladar, Anglesea and Effingham, Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 65. Providing for the amalgamation of Public School Sections Nos. 1, 2, 3, 4, 8, 10 and 11, into one Township Area, and of the appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7651
Kaladar, Anglesea and Effingham, Townships of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 65. Providing for the amalgamation of Public School Sections 1, 2, 3, 4, 8, 10 and 11 into one Township School Area, and of the report of the Referee appointed by Order of the Board dated July 4th, 1938, to value, adjust and determine all rights and claims (if any) between the respective parts of the Townships comprising the School Sections so united.	P.F. A-7651
Kapuskasing, Town of	Sec. 420 (11) of "The Mun Act," (R.S.O 1937, C. 266). By-law No. 332. Annual Fee for License to Residents owning and using any bicycle upon any highway of the said Town.	P.F. A-7636
Kenora, Town of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70 per cent of the estimated revenues of the Corporation for the current year.	P.F. A-7815

Kingston, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $8,250.00 for the construction of a storm relief sewer on Division St. from Clergy St. West to Johnson St.	P.F. A-7401
Kingston, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $373.30 for the construction of a 9' Tile Sewer in Union St. from Collingwood St. westerly 132 feet, in accordance with Local Improvement Notice dated March 11th, 1938.	P.F. A-7437
Kingston, City of	Sec. 59 (c) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $17,500.00 for incinerator unit etc., as set out in Resolution of its Committee on Finance and Accounts dated June 3rd, 1938.	P.F. A-7600
Kingston, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. . For the approval of the construction of a 9-inch tile sewer in Scott St. in accordance with its Council's Notice of Intention dated the 23rd day of April, 1938, and of the capital expenditure of $148.40 involved therein and of the passing of the proposed By-law.	P.F. A-7957
Kingston, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the construction of a pavement on Drayton Ave. from Princess St. to Concession St. as a Local Improvement in accordance with the Council's Notice of Intention dated the 7th day of October, A.D. 1938, and of the expenditure of $4,765.00 involved therein, and of the passing of its proposed Bylaw therefor.	P.F. A-8049-a
Kingston, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the construction of a 9-inch tile sewer on Patrick St. from Thomas St. southerly 167 feet as a Local Improvement in accordance with the Council's Notice of Intention dated the 7th day of October, A.D. 1938, and of the capital expenditure of $675.50 involved therein, and of the passing of its proposed By-law therefor.	P.F. A-8049-b
Kingston, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the construction of concrete walks on Queen and Ontario Sts., as a local improvement in accordance with the Council's Notice of Intention dated the 7th day of October, A.D. 1938, and of the capital expenditure of $346.40 involved therein, and of the passing of its proposed By-law therefor.	P.F. A-8049-c

Kingsville, Town of	"The Department of Municipal Affairs Act." A Plan for the refunding, readjustment and reorganization of the debts of the Corporation of the Town of Kingsville.	P.F. A-7658
Kitchener, City of	Part IV. of Board's Act. By-law No. 2557. $33,000 for construction of additional clarifier and 10 acres of filter beds at its Main Sewage Disposal Plant.	P.F. A-6675-b
Kitchener, City of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ontario Statutes, 1935. For approval of the capital expenditure of $3,908.00 for the construction of a gravel roadway (and oiling) on Guelph St. and a 7′ concrete walk on City Hall Square as Local Improvements (on Petition) in accordance with certain proposed Construction By-law therefor.	P.F. A-7194 a-b
Kitchener, City of	Part V. of "The Ont. Mun. Board Act, 1932." By-law No. 2593. $45,000.00 to pay for the cost of certain improvements and additions to the Freeport Sanitarium.	P.F. A-7195-1
Kitchener, City of	Sec. 398 (2b) of "The Mun. Act." By-law No. 2591. To amend the Zoning Ordinance By-laws of the Corporation by adding as to the part thereof headed "C—BUSINESS DISTRICTS, Sec. (4)."	P.F. A-7202
Kitchener, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2599. $44,950.83 for certain Local Improvements —on Petition.	P.F. A-7333
Kitchener, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2600. $150,402.62 for the construction of certain Local Improvements (on Petition).	P.F. A-7334
Kitchener, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2601. $15,334.74 for the construction of certain watermains and sewers.	P.F. A-7335
Kitchener, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2603. Amending the Zoning Ordinance By-laws of the said Corporation Numbers 1823, 1834 and 1835.	P.F. A-7338
Kitchener, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2604. Amending the Zoning Ordinance By-laws of the said Corporation Numbers 1823, 1834, 1835.	P.F. A-7339
Kitchener, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 502 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2598-a. $29,000.00 for the widening of Charles St. from its present easterly end westerly a distance of approximately 253 feet, and	

	the opening and extension of the said St. from its present easterly end to Ontario St. at a less width than 66′ in accordance with the City Council's Notice of Intention dated the 11th day of January, 1938, and certain proposed By-law of the Corporation therefor.	P.F. A-7340-a
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,184.00 for the construction of water main on Palmer and Dundas Sts. as a Local Improvement (on Petition).	P.F. A-7364
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of 'The Unemployment Relief Act," 1935. $15,000.00 to provide in part its Direct Relief costs for 1937.	P.F. A-7377
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,265.12 for the construction of ornamental lighting on both sides of Pandora Cres. from the northerly end of Pandora Ave. to East Ave. as a Local Improvement (on Petition).	P.F. A-7431
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,511.74 for the construction of a concrete walk on Stirling Ave. South, (north side), from Courtland Ave. 263 feet easterly and on Pandora Cres. from Lydia St. to East Ave. as a Local Improvement (on Petition).	P.F. A-7441
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $5,885.00 for the construction of a curb and gutter and resurfacing Shanley St. from King St. to Charon St. as a Local Improvement (on Petition).	P.F. A-7472
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $526.53 for the construction of certain Local Improvement Works (on Petition), in accordance with its proposed By-law therefor—5′ concrete sidewalk on Guelph St. and Pandora Ave. and concrete curb and gutter on Pandora Avenue.	P.F. A-7489
Kitchener, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $253.00 for construction of a 5-foot concrete sidewalk on the south side of Weber St. between Stirling Ave. and 224 feet easterly to the Lutheran Cemetery Gate, in accordance with its Notice of Intention dated the 8th day of April, 1938.	P.F. A-7490
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,177.87 for the construction of certain Local Improvements (on Petition) in accordance with its proposed construction By-law therefor.	P.F. A-7543

Kitchener, City of	"The City of Kitchener Act, 1938," (O.S., C. 56). For approval of a certain proposed By-law to amend Construction and Debenture By-laws relating to local improvements in and on the Westmount subdivision and Belmont boulevard.	P.F. A-7582
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $9,000.00 for improvements to the sewage disposal plant.	P.F. A-7713
Kitchener, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2632. $9,000.00 for improvements to the sewage disposal plant.	P.F. A-7713-a
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. .... $434.82 for the construction of a 5-foot concrete walk on the north side of Raddatz Lane, as a Local Improvement (on Petition).	P.F. A-7812
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,036.93 for the construction of a sanitary sewer on Belmont Boulevard as a Local Improvement (on Petition) in accordance with a certain proposed By-law therefor.	P.F. A-796
Kitchener, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,730.50 for resurfacing Hohner Ave. from Lancaster St. East to Samuel St. as a Local Improvement (on Petition) in accordance with its proposed Construction By-law therefor.	P.F. A-7993
Kitchener, City of	Sec. 27 (3) of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of the appointment of the cost of resurfacing Hohner Ave. from Lancaster St. East to Samuel St.	P.F. A-7993-a
Kitchener, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2636. For approval of By-law No. 2636, a By-law to amend Zoning Ordinance By-laws Nos. 1823, 1834 and 1935, by the addition of "Auto Wrecking Establishments," to "B-Light Industrial Districts, Sec. (3)."	P.F. A-8107
Lanark, County of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Section 4, Ch. 51, Ontario Statutes, 1935. For approval of the undertaking of a capital expenditure of $10,000.00 to meet the actual expenditure for construction and improvement of County Highways under "The Highway Improvement Act."	P.F. A-7274
Lanark, County of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70 per cent. of the estimated revenues of the Corporation for the current year.	P.F. A-8041
Lanark, County of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $12,500.00 for the construction and improvement of County Highways under "The Highway Improvement Act," in accordance with its proposed By-law therefor.	P.F. A-8105

Grainger, John H. (and others) Larder Lake, Settlement of	Sec. 18 of "The Mun. Act." For the incorporation as a town of the settlement known as "Larder Lake" in the district of Temiskaming, Province of Ontario.	P.F. A-7237
Larder Lake, Town of	Sec. 18 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). Incorporated by Order of the Board dated the 1st Day of April, 1938, and of an amendment to such Order authorizing the Council of the said Corporation to levy and collect taxes for the portion of the year from April 1st to December 31st, 1938.	P.F. A-7237
Larder Lake, Town of	Sec. 18 of "The Mun. Act," (R.S.O. 1937, C. 266). Application for an Order fixing the date and place for the holding of the nomination of candidates for the first election and appointing a Returning Officer to hold the said election.	P.F. A-7237
Leamington, Town of	"The Department of Municipal Affairs Act," A Plan for the Refunding, Readjusting and Reorganizing of the debts of the Corporation of the Town of Leamington.	P.F. A-7320
Leaside, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). By-laws Nos. 543 and 542. For approval by the Board of its By-laws Nos. 543 and 542 and of the undertaking as local improvements of the works therein provided.	P.F. A-7574 a-b
Leaside, Town of	"The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and "The Local Improvement Act," (R.S.O. 1937, C. 269). By-laws Nos. 545 and 546. For the approval by the Board of its By-laws Nos. 545 and 546 and of the undertaking as local improvements of the works therein provided.	P.F. A-7635
Leaside, Town of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 553. By-law No. 553 amending By-law No. 449.	P.F. A-7733
Leaside, Town of	Sec. 406 of "The Mun. Act, R.S.O. 1937, C. 266). By-law No. 551. Relating to building restrictions on the streets referred to below.	P.F. A-7734
Leaside, Town of	"The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), "The Local Improvement Act," (R.S.O. 1937, C. 269). By-laws Nos. 554 and 555 and 556. For approval by the Board of its By-laws Nos. 554, 555 and 556 and of the undertaking as local improvements of the works therein provided.	P.F. A-7741

Leaside, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 560, 561, 562, 563, 564, 565. For approval of the above named By-laws amending its By-laws Nos. 280, 330, 332, 360, 361 and 367 respectively, and for certification of the debentures issued under said By-laws Nos. 560, 561, 562, 563, 564 and 565.	P.F. A-7892
Leaside, Town of	Sec. 310 and Sec. 305 (11) and (12) of "The Mun. Act." By-laws Nos. 560, 561, 562, 563, 564 and 565. For authority without the assent of the electors to pass proposed By-laws Nos. 560, 561, 562, 563, 564 and 565, to amend By-laws Nos. 280, 330, 332, 360, 361 and 367 so as to provide for (inter alia) a change in the rate of interest payable on debentures issued thereunder and the issue of new debentures to bear interest at the amended rate.	P.F. A-7892
Leaside, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937. C. 60). By-law No. 576. $1,025.00 for the construction of a pavement on part of Parkhurst Boulevard as a Local Improvement (on Petition) in accordance with its proposed By-law No. 576 therefor.	P.F. A-8058
Leaside, Town of	Sec. 406 (2) (b) of "The Mun. Act," (R S. O. 1937, C. 266). For approval of its By-law No. 582 amending its restricted area By-law No. 449.	P.F. A-8167
Leaside, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 584. An Application for the construction of a twelve inch sewer for a distance of 287 feet on Laird Drive in accordance with the Council's Notice of Intention dated the 5th day of Dec., A.D. 1938, and of the capital expenditure of $1,150.00 involved therein, and of the passing of its proposed By-law No. 584 therefor.	P.F. A-8202
Front of Leeds and Lansdowne, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 956. $2,500.00 for the installation of a steam heating plant and water pressure sanitary toilets in School Building, School Section No. nine.	P.F. A-7856
Lennox and Addington, County of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70 per cent. of the estimated revenues of the Corporation for the current year.	P.F. A-7681
Stewart, C. T. Levack. Settlement of	Sec. 18 of "The Mun. Act." For the incorporation as a Town of the settlement known as Levack in the Township of Levack in the Province of Ontario.	P.F. A-7767
Levack, Town of	Sec. 18 of "The Mun. Act." For an Order fixing the date and place for the holding of the nomination for candidates for the first election, and appointing a Returning officer to hold the said election.	P.F. A-7767

Lincoln, County of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1123 $45,000.00 for certain Floating Indebtedness for satisfying judgments obtained against the said County by the High School Boards of the Village of Port Dalhousie, the Town of Merritton and the Township of Grantham.	P.F. A-7370
Lincoln, County of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1123. $45,000.00 to provide for payment of said amount as a floating debt.	P.F. A-7370-a
Lindsay, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $10,345.25 to provide for the Town's share of certain Road Constructions and Improvements in accordance with its proposed By-law therefor.	P.F. A-8025
Lindsay, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2050. $10,345.25 to pay for Town's share of certain Road Construction and Improvements.	P.F. A-8025
Lindsay, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,339.02 to construct a permanent pavement on Russell St. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-8026
Lindsay, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2051. $4,339.02 to pay for the construction of a paved roadway on Russell Street.	P.F. A-8026
Listowel, Town of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70 per cent. of the estimated revenues of the Corporation for the current year.	P.F. A-7981
Lochiel, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,600.00 for the maintenance and improvement of the Smith-Johnson Drain.	P.F. A-7524
Lochiel, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 196. $800.00 for drainage work for the repair of the Glen-Robertson Branch of The McDonald-Robertson Drain.	P.F. A-7730
Logan, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 247 $1,336.00 for repairing and improving the McNaught Drain South.	P.F. A-7700
Logan, Township of	Sec. 70 of "The Ont. Mun Board Act," (R. S. O. 1937, C. 60). By-law No. 248. $545.80 for the repair and improvement of the "Ellice Maitland Relief" Drain in the said Township.	P.F. A-7802

Logan, Township of	Sec. 70 of "The Ont. Mun. Board Act,' R. S. O. 1937, C. 60). By-law No. 249. $324.75 for additional cost of the repair and improvement of the "Grey" Drain Branch of the "North West" Drain in the said Township over and above the amount allowed by the Order of the Board dated the 2nd day of November, A.D. 1937, in accordance with its proposed By-law No. 249 amending By-law No. 238.	P.F. A-7803
Logan, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 252 $438.25 for drainage work for the completion of the Liffe Drain, Hibbert.	P.F. A-7837
London, City of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. For approval of the undertaking of a capital expenditure of $20,151.74 for paying off and redeeming the City's portion of the charges for principal maturing in 1938 in respect of the Local Improvement debentures issued by the City of London	P.F. A-7262
London, City of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 69 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $100,000.00 to redeem the balance due upon certain debentures of the Western Fair Association. An Application to dispense with a vote of the electors in regard thereto.	P.F. A-7292
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2C. $495.55 for Scarifying both sides of Hill St. from Wellington St. to Clarence St. as a Local Improvement.	P.F. A-7544
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,483.39 for the construction of certain Local Improvement works (on Petition), in accordance with its Notice of Intention dated May 19th, 1938.	P.F. A-7562
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,115.02 for the construction of certain Local Improvements in accordance with Notice of Intention dated May 11th, 1938.	P.F. A-7578
London, Township of	Sec. 406 of "The Mun. Act." By-law No. 1156. A By-law to restrict the use of Western Road.	P.F. A-7610
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $876.10 for the construction of certain Local Improvements (on Petition), and the passing of a By-law therefor.	P.F. A-7618
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $5,445.09 under it proposed By-law, consolidating By-laws Nos. 10105, 10106, 10107, 10108, 10109, 10110, 10112, 10113 and 10114.	P.F. A-764

London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws No. 2C and 10C. $2,601.33 for scarifying Deane St. as a Local Improvement (on Petition) and the construction of a curb and gutter on South Oxford St. as a Local Improvement.	P.F. A-7690
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 10C. $976.47 for the construction of a cement sidewalk on E. Maitland St. from Victoria St. to Regent St. as a Local Improvement (on Petition).	P.F. A-7821
London, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,002.70 for the construction as a Local Improvement of a cement walk and curb and gutter, on the north and south sides of Woodland Place, from Carfrae Cres. to the westerly limit of the Street, in accordance with the Council's Notice of Intention dated the 21st day of September, A.D. 1938, and the passing of its proposed By-laws therefor.	P.F. A-7989
Long Branch, Village of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $688.80 for the construction of a 4′ concrete sidewalk on the east side of Thirty-Sixth St., as a Local Improvement (on Petition), and the passing of a By-law therefor.	P.F. A-8037
Maidstone, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 1490 and 1491. $9,519.34 for Drainage purposes in the said Township.	P.F. A-7731 c-d
Maidstone, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1492. $1,098.65 for the construction of the "Totten" Drain.	P.F. A-7781
Maidstone, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 1493 and 1494. $3,149.00 for drainage work for the repair of the Seventh Concession and the Lefave Drain.	P.F. A-7886 a-b
McDougall, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 292. $2,800.00 for the purchase of a school site and the erection thereon of a school building in accordance with its proposed By-law No. 292 therefor.	P.F. A-8059
McKillop, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 5. $616.00 for the Township's share for drainage work to be done by the Township of Logan for the construction of the McNaught Drain.	P.F. A-7807
McKim, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 324. $8,500.00 for a one-room addition etc., to the Public School building in School Section No. 6.	P.F. A-7372

McKim, Township of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 324. $8,500.00 for one-room addition, etc., to the Public School building in School Section No. 6.	P.F. A-7373-a
McNamama Construction Company, Limited	Sec. 129 of "The Railway Act." For approval of plan of crossing of Temiskaming and Northern Railway by Tramway Line at mileage Post 134.9, Temagami Subdivision.	P.F. A-7271
Meaford, Town of	Sec. 408 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 26. Providing for regulating the weighing of coal and coke.	P.F. A-7241
Medora and Wood, Townships of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 598. $4,000.00 for the purchase of a site and the erection of a new school to be known as School Section No. 3 Wood.	P.F. A-7940
Melancthon, Township of	Sec. 70 of "The Ont. Mun. Board Act, (R. S. O. 1937, C. 60). By-law No. 608B. $748.00 for the construction of the "McCague" Drain, and of By-law No. 633 amending the said By-law No. 608B, providing for the further assessment of $40.	P.F. A-6765
Melancthon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $8,634.00 for drainage work ("Bradley" Drain).	P.F. A-7384-a
Melancthon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,495.13 for drainage work ("Connor" Drain).	P.F. A-7384-b
Melancthon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,834.34 for drainage work ("Westicott" Drain).	P.F. A-7384-c
Melancthon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $547.10 for drainage work ("Reid Municipal" Drain).	P.F. A-7384-d
Melancthon, Township of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 626 $20,584.93 for drainage work, and certain Local Improvements, Consolidating its By-laws Numbered 483, 484, 485, 489, 488, 496, 501, 510, 502, 557, 520, 532, 620, 548, 559, 581, 583 and 584.	P.F. A-7384-1
Melancthon, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. .... $1,045.00 for the improvement of the "Bradley" Drain in the said Township.	P.F. A-7867

Merrickville, Village of	Sec. 70 of "The Ont. Mun. Board Act." (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. ... $3,500.00 for the purchase of a fire engine and necessary equipment in accordance with its proposed By-law No.	P.F. A-8024
Merritton, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $10,500.00 for High School purposes.	P.F. A-7450
Merritton, Town of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $10,500 for High School Purposes.	P.F. A-7450
Mersea, Township of	Part IV. of "The Ont. Mun. Board Act," (C. 60, R.S.O. 1937). By-law No. 826. $4,912.24 to pay for the construction of a Pumphouse and Equipment, and the laying of mains and other appliances.	P.F. A-7285-a
Mersea, Township of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 827. $2,389.29 to pay for the construction and laying of mains and other appliances.	P.F. A-7285-b
Mersea, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60. By-law No. 838. $1,560.00 for drainage work ("Hooker" Drain).	P.F. A-7611-a
Mersea, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 839. $759.00 for drainage work ("Eighth Concession Branch of Silver Creek" Drain).	P.F. A-7611-b
Mersea, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 840. $796.00 for the repair and improvement of the "Bailey" Drain in the said Township.	P.F. A-7687
Mersea, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937 C. 60. By-law No. 842. $8,791.00 for the repair and improvement of the "East Marsh Drainage System."	P.F. A-7862
Mersea, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 85 $1,821.00 for the repair and improvement of the "Upper Portion of Big Creek Drain" in the said Township.	P.F. A-7994-a
Mersea. Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 862. $1.304.00 for the repair and improvement of "Tenth Concession Drain for Two Creeks."	P.F. A-7994-b
Metcalfe, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $941.00 for drainage work for the repair and improvement of the Guellen Drain in accordance with its provisionally adopted By-law therefor.	P.F. A-7842
Metcalfe, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $269.10 for the repair of the "Cadman" Drain in the said Township in accordance with its proposed By-law therefor.	P.F. A-7923

Mecalfe, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $608.00 for the repair and improvement of the "Beattie" Drain in the said Township, in accordance with its proposed By-law therefor.	P.F. A-7968
Middleton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 507. $4,707.50 for drainage purposes, pursuant to proposed By-law No. 507, consolidating By-laws Nos. 503, 504 and 506.	P.F. A-7792
Middleton, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 509. $15,000.00 for erection of addition to public school in School Section No. 2 and purchase of necessary equipment and improvements therefor.	P.F. A-7962
Middleton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $15,000.00 for the erection of an addition to the public school in School Section No. 2, and the purchasing of necessary equipment and for improvements therefor.	P.F. A-7962
Midland, Town of	"The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). An Application for an Order approving, authorizing and confirming a Plan for the refunding, readjustment and reorganization of the debenture and other indebtedness of the Corporation of the Town of Midland.	P.F. A-8017
Millbrook, Village of	Sec. 70 of the "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 660. $9,000.00 for the purchase of the electrical distribution system and business known as the "Millbrook Electric System."	P.F. A-8170
Mimico, Town of	Sec. 3 of "The County of York Act, 1937," By-law No. 967. Application for the approval of By-law No. 967.	P.F. A-7258
Mimico, Town of	"The Department of Municipal Affairs Act," (R.S.O. 1937, C. 59). For an Order approving. authorizing and confirming a Plan for refunding, readjustment and organization of certain debenture and other debtedness of the Corporation.	P.F. A-7973
Moore, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8. $547. for drainage work ("Wylie" Drain).	P.F. A-7729
Moore, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60.) By-law No. 9. $715.95 for drainage work for the completion of the "Rankin" Drain.	P.F. A-7909
Mornington, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 790. $1,614.25 for drainage work ("14th Concession" Drain).	P.F. A-7678
Mornington, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 792. $1,395.45 for the repair, etc., of the "Hunter" Drain in the said Township.	P.F. A-7866

Mountain, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60. By-law No. 751. $10,500.00 for building an addition to the South Mountain Continuation School.	P.F. A-7607
Muskoka, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ontario Statutes, 1935. By-law No. 368. For approval of the undertaking of a capital expenditure of $3,000.00 for the erection of a school house for S.S. No. 3 of the Township of Muskoka.	P.F. A-7122
Neelon and Garson, United Townships of	Sec. 70 of "The Ont. Mun Board Act," (R.S.O. 1937, C. 60). $16,000.00 for the erection of an addition to school in Public School Section No. 3, Township of Garson.	P.F. A-7624
New Liskeard, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 742. $18,000.00 for the replacement of the existing water supply pumping machinery in the Town of New Liskeard.	P.F. A-7587
Newmarket, Town of	Sec. 70 of "The Ont. Mun Board Act," (R. S. O. 1937, C. 60). By-law No. 760. $17,000.00 for the construction of extensions to the waterworks system of the town.	P.F. A-7919
Newmarket, Town of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 760. $17,000.00 construction of extensions to the waterworks system.	P.F. A-7919-a
Newmarket, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 760. $17,000.00 for construction of extensions to the waterworks system.	P.F. A-7919-b
Niagara Falls, City of	Sec. 32 (h) of "The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). For an Order that the terms and times for payment of the special rates imposed for the payment of the owner's portion of the cost of Local Improvements for pavements be varied.	P.F. A-7405
Niagara Falls, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of the construction of a pavement on Roberts St. as a Local Improvement, in accordance with Notice of Intention dated July 20th, 1938, and the pasing of a By-law therefor.	P.F. A-7785
Niagara Falls, City of	Sec. 7 of "The Unemployment Relief Act, 1935," and of Sec. 310, of "The Mun. Act," as re-enacted by Sec. 6, Ch. 22, Ontario Statutes, 1938, and Sec. 305 (11) and (12) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2077. $130,000.00 for Unemployment Relief Works, and of By-law 2674 amending the said By-law 2077 providing for the substitution of and for a change in the rate of interest (from 6 per cent. to 4½ per cent.) on the unmatured portion of the debenture issue, authorized by the said By-law No. 2077, in the sum of $110,078.56, and of an extension of the debenture issue period therefor.	P.F. A-7748

Niagara Falls, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2077. For approval of By-law No. 2077 (as amended by By-law No. 2674). $130,000.-00 for Unemployment Relief Works.	P.F. A-7748-a
Niagara, Township of Lincoln, County of	Sec. 6 of "The Niagara Parks Act," (R.S.O. 1937, C. 93), and Sec. 28 of "The Public Works Act," (R.S.O. 1937, C. 54). Of the expropriation by the Niagara Parks Commission of part of Lot No. 17 in the Township of Niagara in the County of Lincoln, Province of Ontario.	P.F. A-7457
Nipigon, Township of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,000.00 for certain floating indebtedness (for construction of Waterworks System).	P.F. A-7251
Nipigon, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 355. To issue debentures for $4,000.00 to cover floating indebtedness.	P.F. A-7251-a
Norfolk, County of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70 per cent. of the estimated revenues of the Corporation for the current year.	P.F. A-8010
North Bay, City of	Sec. 44 of "The Mun. Act." For the redivision of the present Five Wards of the said City into Three Wards, to be known as Wards One, Two and Three, more particularly hereinafter described.	P.F. A-7223
North Dorchester, Township of	Sec. 4, Ch. 51, Ont. Statutes 1935. By-law No. 793. $892.00 for the repair of the "Finch" Drain in the said Township.	P.F. A-7772
North Dorchester, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $470.00 for drainage work for the completion of the Anderson Drain in accordance with its provisionally adopted By-law therefor.	P.F. A-7838
North Oxford, Township of	Sec. 8 of "The Mun. Franchises Act," (R. S. O. 1937, C. 277). By-law No. 9, Granting a franchise to The Oxford Pipe Line Company Limited to construct works to supply and to supply gas to the residents of the said Township and of the Application of The Oxford Pipe Line Co. Limited for a certificate of Public Convenience and Necessity therefor.	P.F. A-8122
North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For the approval of the undertaking of the construction of a 6" Watermain on Old Orchard Grove from Avenue Road to the East Limit of Lot 114, Plan 1892, in accordance with Notice of Intention dated March 30th, 1938.	P.F. A-7483

North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of the undertaking of the construction of a 6" Watermain on Hillhurst Boulevard from the West City Limits to the West Limit of Lot 160, Plan M346, in accordance with Notice of Intention dated April 6th, 1938.	P.F. A-7484
North York, Township of	Sec. 406 of "The Mun. Act." By-law No. 2439. A By-law to establish the lands in registered plan 2877 and lot 932, plan 1534 (together known as "Bayview Wood") as a restricted area and for regulating the heigh, bulk, spacing and character of buildings to be erected or altered within the said area.	P.F. A-7496
North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $400.00 for the construction of a watermain on Hillhurst Boulevard as a Local Improvement, in accordance with Local Improvement Notice dated May 23rd, 1938.	P.F. A-7670-a
North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,330.00 for the construction of a watermain on Douglas Ave. as a Local Improvement, in accordance with Local Improvement Notice dated May 23rd, 1938.	P.F. A-7670-b
North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $750.00 for the construction of a watermain on Nipigon Ave. as a Local Improvement, in accordance with Local Improvement Notice dated June 7th, 1938.	P.F. A-7670-c
North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the undertaking of a certain capital expenditure for the construction of a watermain on Woodmount St. and pavements on Hillhurst Ave. and Alexander Dr. in accordance with Local Improvement Notices dated July 13th, 1938.	P.F. A-7796 a-b-c
North York, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2493. $13,500.00 for the construction of certain works pursuant to its proposed By-law No. 2493.	P.F. A-7933
North York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2503. For the approval of the construction of certain Local Improvement Works in accordance with its Council's Notice of Intention dated the 28th day of Sept. 1938, and of the expenditure of $13,408.00 involved therein, and of the passing of the proposed By-law.	P.F. A-7983

North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2522. For an Order authorizing the passing of its proposed By-law No. 2522, a By-law to amend Debenture By-laws Nos. 443, 434 and 435 and approving the debentures to be issued thereunder.	P.F. A-8174
North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2523. For an Order authorizing the passing of its proposed By-law No. 2523, a By-law to amend Debenture By-law No. 1275 and approving the Debentures to be issued thereunder.	P.F. A-8175
North York, Township of	Secs. 305 (11) and (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2524. For an Order authorizing the passing of its proposed By-law No. 2524, a By-law to amend Debenture By-law No. 1857 and approving the Debentures to be issued thereunder.	P.F. A-8176
North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2525. For an Order authorizing the passing of its proposed By-law 2525, a By-law to amend Debenture By-law No. 1859 and approving the Debentures to be issued thereunder.	P.F. A-8177
North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2526. For an Order authorizing the passing of its proposed By-law No. 2526, a By-law to amend Debenture By-laws Nos. 1862, 1849, 1858, and 1861, and approving the Debentures to be issued thereunder.	P.F. A-8178
North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2527. For an Order authorizing the passing of its proposed By-law No. 2527, a By-law to amend Debenture By-law No. 1929 and approving the Debentures to be issued thereunder.	P.F. A-8179
North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2528. For an Order authorizing the passing of its proposed By-law No. 2528, a by-law to amend Debenture By-law No. 1930 and approving the debentures to be issued thereunder.	P.F. A-8180
North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2529. For an Order authorizing the passing of its proposed By-law No. 2529, a By-law to amend Debenture By-law No. 1971 and approving the Debentures to be issued thereunder.	P.F. A-8181

North York, Township of	Secs. 305 (11) (12) and 310 of "The Mun. Act," and Part IV. of "The Ont. Mun. Board Act." By-law No. 2530. For an Order authorizing the passing of its proposed By-law No. 2530, a By-law to amend Debenture By-laws Nos. 2116, 2117 and 2118 and approving the Debentures to be issued thereunder.	P.F. A-8182
North York, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2544. $1,060.00 for the construction of an eight inch Sanitary Sewer on Ridley Boulevard from Esgore Drive to Harley Ave. as a Local Improvement (on Petition).	P.F. A-8203
North York, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $1,192.50 for the construction of a Sanitary Sewer on the south side of Ridley Boulevard from Esgore Drive to Harley Ave. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-8204
Oakley, Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 411. Providing for the amalgamation of Public School Sections 1, 2 and 3, into one Township Area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township, comprising the School Sections so united.	P.F. A-7736
Oakley, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 307). By-law No. 411. Providing for the amalgamation of Public School Secs. 1, 2 and 3 into one Township Area, and of the Report of the Referee appointed by the Board under Order dated July 29th, A.D. 1938, to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7736
O'Connor, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 392. Providing for the amalgamation of Public School Sections 1, 2, 3 and 4 into one Township School Area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7891
O'Connor, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 392. For the amalgamation of Public School Sections Nos. 1, 2, 3 and 4 into one Township School Area, and of the report of the Referee appointed by Order of the Board, dated Sept. 19th, 1938, to value, adjust and determine all rights and claims (if any) between the respective parts of the Township comprising the School Sections so united.	P.F. A-7891

Oil Springs, Village of	Secs. 69 and 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 9. To dispense with a vote of the electors in regard to the reconstruction of the bridge on Main St., over Black Creek in the said Village and for approval of the undertaking of a capital expenditure of $4,500.00.	P.F. A-7549
Onondaga, Municipality of	Sec. 16 of "The Public Schools Act," (R.S.O. 1937, C. 357). By-law No. 420. Providing for the amalgamation of Public School Sections, 2, 3, 4, 5 and 6, into one Township Area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7719
Onondaga, Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 420. Providing for the amalgamation of Public School Sections 2, 3, 4, 5 and 6 into one Township Area, and of the Report of the Referee appointed by Order of the Board dated July 27th, 1938, to value, adjust and determine all rights and claims (if any) between the respective parts of the Township comprising the School Sections so united.	P.F. A-7719
Oxford, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1026. $303.75 for drainage work ("Eastlake" Drain).	P.F. A-7586
Orford, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60.) By-law No. 1030. $762.31 for the said Township's proportion of the cost of certain drainage work in the Township of Howard.	P.F. A-7964
Orford, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1031. $712.00 for the construction of the "Clark" Drain in the said Township.	P.F. A-8149
Orillia, Township of	Sec. 89 of "The Ont. Mun. Board Act," 1932, as enacted by Sec. 4, C. 51, Ontario Statutes, 1935. By-law No. 1322. $1,321.29 for the construction of a Watermain on Peter St. North as a Local Improvement (on Petition).	P.F. A-7375
Osgoode, Township of	Sec. 469 (9) of "The Mun. Act." For relief from its obligation to re-build a certain bridge over the north branch of the Castor River on Lot 23 in the 11th Concession of the said Township in the County of Carleton.	P.F. A-7217
Oshawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $13,700.00 for the purchase of a Children's Shelter in accordance with its proposed By-law therefor.	P.F. A-8119

Otonabee, Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 971. Providing for the amalgamation of Public School Sections 2, 4, 7, 13 and 14, into one Township Area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7737
Ottawa, City of	Sec. 5 of "The City of Ottawa Act," (O. S. 1936, C. 78,) and Sec. 69 and 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the passing of a By-law providing for an expenditure of $350,000.00 for the construction of trunk sewers, as set forth in Report No. 18 of the Board of Control of the said City for the year 1936, without a vote of the ratepayers, and for the issue of debentures therefor.	P.F. A-6322
Ottawa, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8503. $180,000.00 for Floating Indebtedness — Balance of Housing Commission Loan.	P.F. A-7204-a
Ottawa, City of	Sec. 406 of "The Mun. Act." By-law No. 8498. A By-law restricting the use of land and the erection and use of buildings on land within the areas herein defined, as amended by By-law No. 8532.	P.F. A-7228
Ottawa, City of	Sec. 406 of "The Mun. Act. By-law No 8499. Restricting the use of land and the erection and use of buildings on land within the areas herein defined as amended by By-law No. 8533.	P.F. A-7229
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," R.S.O. 1937, C. 60). By-law No. 7894. $2,800 for resurfacing of Sussex St. from Besserer St. to Rideau St. as a Local Improvement.	P.F. A-7253
Ottawa, City of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 8511. For approval of the undertaking of a capital expenditure of $3,760.00 for the construction of a sewer on Maple Lane from Lidgar Road to a point 50′ east of the west limit of Lot 24 in the City of Ottawa which is 30′ east of the east St. line of Howick St. in the Village of Rockliffe Park, as a Local Improvement (Under agreement with the said Village).	P.F. A-7273
Ottawa, City of	Sec. 406 of "The Mun. Act," (R. S. O. 1937, C. 266). By-law No. 8524. A By-law of the Corporation of the City of Ottawa amending By-law Number 6237.	P.F. A-7332
Ottawa, City of	Sec. 310 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. . Amending By-law No. 8407 ($225,000.00 for the construction of trunk sewers).	P.F. A-7337
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of "The Unemployment Relief Act, 1935." $358,000.00 for direct relief for 1937.	P.F. A-7341

Victoria Realty Corporation Limited, Ottawa, City of	Sec. 84 of "The Assessment Act." An Assessment Appeal from the decision of the County of Carleton.	P.F. A-7444
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $40,000.00 for constructing, installing and extending certain watermains and water services in connection with the waterworks of the Corporation.	P.F. A-7467
Ottawa, City of	Sec. 407 (2) of "The Municipal Act," (R. S. O. 1937, C. 266). By-law No. 8560. $40,000.00—constructing, installing and extending certain water mains and water services.	P.F. A-7467-a
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law 8553. $670.98 for the construction of a sidewalk on the south side of Hickory St. from Breezehill Ave. to a point 140 feet west of Breezehill Ave. as a local improvement (on Petition)	P.F. A-7474
Ottawa, City of	Sec. 307 (3e) of "The Mun. Act," (R.S.O. 1937, C. 266), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $14,000.00 for City's Share of the Cost of Reconstruction of Bronson Ave. Bridge.	P.F. A-7517
Ottawa, City of	Sec. 307 (3e) of "The Mun. Act," (R.S.O. 1937, C. 266), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,000.00 for the city's share of the cost of reconstruction of the Bronson Ave. bridge over and above the amount of $14,000.00 allowed by the Board's Order of the 23rd day of May, 1938.	P.F. A-7517-a
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8587. $420.00 for the construction of a sidewalk on Ruskin St. as a local improvement (on Petition) in accordance with its proposed By-law No. 8587.	P.F. A-7520
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $80,000.00 for the construction of certain relief sewers and the passing of a By-law therefor, and of an Application by the said Corporation for the approval of the expenditure of $5,000.00 for additional cost of the said work.	P.F. A-7538
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $80,000.00 for the construction of certain relief sewers.	P.F. A-7538
Ottawa, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 8649. $85,000.00 for the construction of certain relief sewers.	P.F. A-7538-a
Ottawa, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 8583. $80,000.00 for construction of certain relief sewers.	P.F. A-7538-a

Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8573. $1,875.00 for the construction of a concrete sidewalk on the north-east side of Lisgar Road and Rideau Terrace as a Local Improvement (on Petition).	P.F. A-7595
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8579. $575.00 for the construction of a concrete sidewalk on the north side of Burnham Road from Marlowe Cres. to the east limit of Lot 250 as a Local Improvement (on Petition).	P.F. A-7596
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," R. S. O. 1937, C. 60). By-law No. 8588. $825.00 for construction of Faraday St. sidewalk.	P.F. A-7631
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8591. $1,033.00 for the construction of a 9" sewer on Faraday St. from Holland Ave. to a point sixty-six feet west of Hinton Ave. as a Local Improvement (on Petition).	P.F. A-7668
Ottawa, City of	Sec. 406 of "The Mun. Act." By-law No. 8603. A By-law amending By-law No. 5518, respecting the use of land and the erection or use of buildings on land within the area therein defined.	P.F. A-7756
Ottawa, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,294.26 for the construction of certain local improvements in accordance with its Notice of Intention dated the 7th of July, A.D. 1938, and the passing of a By-law therefor.	P.F. A-7764
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8599. $1,310.00 for drainage work on Butternut Terrace as a Local Improvement.	P.F. A-7765
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8592. $2,170.00 for the construction of sewer on Orrin Ave. between Parkdale Ave. and east limit of Lot No. 98, as a Local Improvement.	P.F. A-7766
Ottawa, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For the approval of the construction of certain concrete sidewalks pursuant to its Local Improvement Reports Nos. 919C, 921C, 920C. and 922C, and the said City Council's Notice of Intention dated the 21st day of July, 1938.	P.F. A-7793
Ottawa, City of	Sec. 27 (3) of "The Local Improvement Act," (R.S.O. 1937, C. 269). By-law No 8636. A By-law to provide for the assumption by the Corporation of 14.48 per cent. of the portion of the cost of constructing a certain sewer as described in the said By-law and which would otherwise be specially assessed upon the land abutting directly thereon.	P.F. A-7840

Ottawa, City of	Sec. 18 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8623. $17,375.00 for the construction of a sewer across C.N.R. at south end of Beverley St. City property from line of Beverley St. to Warwick Place, on Warwick Place from Lane to north side of Sherwood Dr., and on north side of Sherwood Dr. from Warwick Place to E. Lim. Lot 33, and of approval of By-law No. 8623 amending the said By-law No. 8605 therefor.	P.F. A-7840
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8611. $385.00 for the construction of a concrete sidewalk on the north side of Crichton St. from Keefer St. to a point 57 feet westerly as a Local Improvement (on Petition).	P.F. A-7860
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $575.00 for the construction of a concrete sidewalk on the south side of Wellington St. from the westerly limit of Lot 2 to a point 100 feet easterly, in accordance with its proposed By-law therefor, as a Local Improvement (on Petition).	P.F. A-7901
Ottawa, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the construction of a sidewalk on the north side of Cooper St. from Elgin St. to a point 194 feet east of Elgin St. in accordance with its Council's Notice of Intention dated the 8th day of Sept., 1938, and of the capital expenditure of $645.00 involved therein.	P.F. A-7930
Ottawa, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of construction of a concrete sidewalk on Lydia St. south from Booth St. to Rochester St. in accordance with its Council's Notice of Intention dated the 5th day of October, 1938, and of the expenditure of $1,700.00 involved, and of the passing of a proposed By-law therefor.	P.F. A-8008
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act." (R. S. O. 1937, C. 60). $20,500.00 for Suburban Road Construction Work, in accordance with its proposed By-law therefor.	P.F. A-8051
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8647. $2,910.00 for the construction of a 12" sewer on Bronson Ave. as a local improvement (on Petition).	P.F. A-8126
Ottawa, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8648. $1,600.00 for the construction of a 9" sewer on Gladstone Ave. as a local improvement (on Petition).	P.F. A-8127

Owen Sound, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 861. $160,000.00 for the extension of its Gas Plant.	P.F. A-7124
Owen Sound, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 861. $160,000.00 for extensions and improvements to the Gas Plant.	P.F. A-7124-b
Owen Sound, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 900 and 901. $75,000.00 for the purchase of land and construction of a civic auditorium and skating arena and equipment thereof.	P.F. A-7410
Owen Sound, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 900. $55,000.00 for purchase of necessary land and erection of building to be used as an Auditorium and Skating Arena.	P.F. A-7410-a
Owen Sound, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 901. $20,000.00 for equipment for an Auditorium and Skating Arena to be erected.	P.F. A-7410-b
Owen Sound, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C 60). By-law No. 893. $33,155.00 for the construction of certain Local Improvement Works in accordance with Notice of Intention dated March 29th, 1938.	P.F. A-7443
Owen Sound, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 894. $2,669.42 for the construction of an asphalt pavement on Fifth Ave. east between Seventh and Eighth St. as a Local Improvement (on Petition).	P.F. A-7567
Owen Sound, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,765.35 for the construction of an asphalt pavement on Sixth Ave. East between Ninth and Tenth Sts. as a Local Improvement (on Petition) in accordance with a certain proposed By-law therefor.	P.F. A-7747
Owen Sound, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 906. $362.04 for the construction of a sidewalk on the south side of Eleventh St. East between First Ave. East and Second Ave. East as a Local Improvement (on Petition).	P.F. A-7861
Parry Sound, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 773. For the approval of the undertaking of the construction of a pavement on Gibson St. from the Southerly limit of Seguin St. to a point 350 feet southerly therefrom as a Local Improvement, pursuant to Notice of Intention dated the 12th Day of May, 1938, and for approval of the undertaking of a capital expenditure of $4,200.00 therefor.	P.F. A-7589

Parry Sound, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 774. For the approval of the undertaking of the construction of a permanent pavement on Seguin St. from the westerly limit of Gibson St. to the westerly limit of Church St. as a Local Improvement, pursuant to Notice of Intention dated the 12th Day of May, 1938, and for approval of the undertaking of a capital expenditure of $5,400.00 therefor.	P.F. A-7590
Parry Sound, Town of	Sec. 8 of "The Local Improvement Act," (R. S. O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 775. $3,600.00 for the construction of a permanent pavement on Waubeek St. from the westerly limit of Church St. to a point 342 feet westerly therefrom as a Local Improvement, pursuant to Notice of Intention dated the 12th Day of May, 1938.	P.F. A-7591
Parry Sound, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 778. $16,363.00 for the construction of pavements on Waubeek St., Belvedere Ave., Belvedere St. and Gibson St., as a Local Improvement, (on Petition).	P.F. A-7648
Parry Sound, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $80,348.91 for the construction of certain Local Improvements pursuant to its proposed Debenture By-law No. 784.	P.F. A-7836
Parry Sound, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O., 1937, C. 60). Approval of By-law No. 784—$80,348.91 for the construction of certain local improvements.	P.F. A-7836-a
Pelee, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes 1935. By-law No. 489. For approval of the undertaking of a capital expenditure of $30,000.00 for Tile Drainage Loan.	P.F. A-5910
Pelee, Township of	Sec. 59 (c) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of its proposed By-law authorizing the Acting Reeve to sign certain debentures proposed to be issued under the said Corporation's By-law No. 502.	P.F. A-8070
Pelee, Township of	Part IV. of "The Ont. Mun. Board Act." (R.S.O. 1937, C. 60). $18,314.00 for Drainage work — "Big Marsh " Drainage System, and approval of By-law No. 502.	P.F. A-8099
Pembroke, Town of	Secs. 32 and 34 of "The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). For an Order approving, authorizing and confirming a Plan for the refunding, readjustment and reorganization of the debts of the Corporation of the Town of Pembroke.	P.F. A-7906

Pembroke, Town of Board of Trustees of the Roman Catholic Separate Schools.	Secs. 32 and 34 of "The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). For an Order approving, authorizing and confirming a Plan for the refunding, readjustment and reorganization of the debts of the said Board of Trustes.	P.F. A-7907
Pembroke, Town of Board of Trustees of the Roman Catholic Separate Schools.	Secs. 32 and 34 of "The Department of Mun. Affairs Act," (R. S. O. 1937, C. 59). For an Order approving, authorizing and confirming a Plan for the refunding, readjustment and reorganization of the debts of the said Board of Trustees.	P.F. A-7907
Percy, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $7,000.00 for Continuation School purposes.	P.F. A-7627
Gordon, K.C., Hon. G. N. Peterborough, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272). Appeal against the assessment of the DeLaval Company, Limited, for the year 1937.	P.F. A-7270
Gordon, K.C., Hon. G. N. The DeLaval Co., Limited, (Peterborough, City of)	"The Assessment Act," and "The Ont. Mun. Board Act." By-law No. 3053. Application for an Order of the Court of Appeal of Ontario reversing the decision and Order pronounced by this Board on the 29th day of March, 1938.	P.F. A-7270
Peterborough, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of the undertaking of certain Local Improvement works and the passing of a By-law therefor.	P.F. A-7619
Peterborough, City of	Sec. 8 of "The Local Improvement Act," (R. S. O. 1937, C. 269). For approval of the undertaking of the construction of a Sewer on Park Hill Road between the West Branch of Stewart St. to a point 132 feet west of Bethune St., as a Local Improvement and the passing of a By-law therefor.	P.F. A-7632
Peterborough, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For the approval of the undertaking of certain Local Improvements works in accordance with the Local Improvement Notice dated June 16, 1938.	P.F. A-7714-a
Peterborough, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For the approval of the undertaking of certain Local Improvement works in accordance with the Local Improvement Notice dated June 16th, 1938.	P.F. A-7714-b
Peterborough, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of construction of a Tile Pipe Sewer on Monaghan Road between Bolivar St. to a point 242 ft. 6 ins. northerly, as a Local Improvement in accordance with the Council's Notice of Intention dated the 8th day of October, 1938, and the passing of a By-law therefor.	P.F. A-8039

Peterborough, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of the construction of a concrete curb on Monaghan Road, east side between King St. and Bolivar St. as a Local Improvement in accordance with the Council's Notice of Intention dated the 8th day of October, 1938, and the passing of a By-law therefor.	P.F. A-8039-a
Petrolia, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $7,000.00 for the construction of pavement, curbs and gutters on Eureka St. as a Local Improvement (on Petition).	P.F. A-7462
Petrolia, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $1,550.00 for the construction of a crushed stone pavement with Curbs and Gutters on Kerby St. from Petrolia St. to the north side of Florence Ave., in accordance with its proposed By-law therefor, as a Local Improvement (on petition).	P.F. A-7529
Plympton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8. $4,215.00 for the repair of the Montgomery Drain.	P.F. A-7481-a
Plympton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 11. $1,020.00 for the repair of the Lawson Drain.	P.F. A-7481-b
Plympton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 10. $535.00 for the repair and improvement of the "McDonald Branch" Drain.	P.F. A-7955-a
Plympton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 14. $420.00 for the repair and improvement of the "Mathews" Drain.	P.F. A-7955-b
Plympton, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 17. $3,845.00 for the corporation's share of the cost of the repair and extension of the "Cow Creek" Drain.	P.F. A-7955-c
Port Arthur, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of "The Unemployment Relief Act, 1935." By-law No. 2267. In the matter of an Order of this Board dated the 16th day of June, 1936, approving of the undertaking by the Corporation of the City of Port Arthur of a capital expenditure of $30,000.00 for the construction of a pavement on Memorial Ave. between John St. and Tenth Ave. and of $4,400.00 for additional cost.	P.F. A-6119

Port Arthur, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269, and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of "The Unemployment Relief Act, 1935." By-laws Nos. 2269, 2,270 and 2276. For approval of the construction of certain pavements on portions of Park St., Pearl St. and Cameron St. in accordance with Notice of Intention dated the 9th day of June, 1936, and for approval of $19,435.00 therefor.	P.F. A-6175
Port Arthur, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of "The Unemployment Relief Act, 1935," Sec. 29 (3) of "The Local Improvement Act." For approval of the construction of a pavement on Oliver Road from Fort St. to the City limits pursuant to the said Council's Notice of Intention dated the 13th day of July, 1936, and of $31,700.00 involved therein and for approval of the apportionment of the cost of such work.	P.F. A-6250
Port Arthur, City of	Sec. 7 of "The Unemployment Relief Act, 1935." By-laws Nos. 2265, 2266, 2268, 2271, 2272, 2273, 2275 and 2277. For approval of the form, purpose, amount and debenture term under its proposed By-laws above named.	P.F. A-6579 A-6578 a-b-c A-6849-a
Port Arthur, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of certain Local Improvement works as set out in Schedule "A" hereto, in accordance with the Council's Notice of Intention published on the 30th day of February, 1937, and the passing of a By-law therefor.	P.F. A-6580
Port Arthur, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 307 (3) (f) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,250.00 for additional cost of subway at "Sheep Ranch Crossing," (ordered by the Board of Railway Commissioners for Canada).	P.F. A-7027
Port Arthur, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2235. $45,000.00 for the construction of a new Public School on Queen St. in the said City.	P.F. A-7214-a
Port Arthur, City of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2253. To establish a restricted zone in the vicinity of the Ontario Mental Hospital at Port Arthur.	P.F. A-7366
Port Arthur, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269) and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $10,020.00 for the construction of certain Local Improvements in accordance with Notice of Intention dated April 18th, 1938.	P.F. A-7495

Port Arthur, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $44,300.00 for the construction of pavements on Lincoln, Secord, Wilson and VanNorman Sts., in accordance with Local Improvement Notice dated April 18th, 1938.	P.F. A-7495-1
Port Arthur, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $100,000.00 for the construction of permanent improvements in the Public Parks of the said City.	P.F. A-7499
Port Arthur, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2274. $31,700.00 to pay for the paving of Oliver Road from Fort St. to the City limits.	P.F. A-7977-a
Port Arthur, City of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2274. For approval of further debt to be incurred and levies to be made in respect of expenditure of $31,700.00 for paving of Oliver Road from Fort St. to the City limits.	P.F. A-7977-a
Port Arthur, City of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2289. For approval of further debt to be incurred and levies to be made in respect of expenditure of $16,250.00 for construction of subway and elimination of a grade level crossing of the Canadian Pacific Railway.	P.F. A-7977-b
Port Arthur, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2289. $16,250.00 Corporation's share of Construction of Subway at mileage 124.63 Nipigon Subdivision — Canadian Pacific Railway.	P.F. A-7977-b
Port Arthur, City of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). Approval of By-law No. 2292, and By-laws Nos. 2265, 2266, 2268, 2271, 2272, 2273, 2275, 2277, 2279, 2280, 2281, 2282, 2283, 2284, 2287 and 2288. thereby consolidated—($93,439.41 for certain Local Improvement Works).	P.F. A-7978
Port Arthur, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of By-law No. 2292, and By-laws Nos. 2265, 2266, 2268, 2271, 2272, 2273, 2275, 2277, 2279, 2280, 2281, 2282, 2283, 2284, 2287 and 2288, thereby consolidated—($93,439.41 for certain Local Improvement Works).	P.F. A-7978
Port Arthur, City of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). Approval of By-law No. 2293, and By-laws Nos. 2267, 2269, 2270, 2276, 2278, 2285, and 2286, thereby consolidated) ($58,290.73 for certain Local Improvement Works).	P.F. A-7979
Port Arthur, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of By-law No. 2293, and of By-laws Nos. 2267, 2269, 2270, 2276, 2278, 2285 and 2286, thereby consolidated—($58,290.73 for certain Local Improvement Works).	P.F. A-7979

Port Arthur, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the expenditure for Private Sewer Connections, in accordance with its proposed By-law therefor, ($7,500.00).	P.F. A-8085
Port Arthur, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2260. $6,770.64 for House Sewer Connections made in the years 1936 and 1937.	P.F. A-8093
Port Colborne, Town of	Part V. of "The Ont. Mun. Board Act, 1932." By-law No. 187. $30,000.00 to provide for certain indebtedness of its Housing Commission to the Province of Ontario.	P.F. A-7185-a
Port Dalhousie, Village of	Sec. 78 (d) of "The Ont. Mun. Board Act,. 1932," and of Section 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ontario Statutes, 1935. By-law No. 691. For authority to issue debentures in the sum of $17,000.00 for certain floating indebtedness (Housing Commission Debt to the Province of Ontario).	P.F. A-7246
Port Dalhousie, Village of	Part IV. of "The Ont. Mun. Board Act (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 691. $17,000.00 for Floating Indebtedness—Housing Commission Loan.	P.F. A-7246-a
Port Elgin, Village of	Sec. 70 of "The Ont. Mun Board Act," (R.S.O. 1937, C. 60). By-law No. 872 $45,000.00 for the purpose of erecting a new High School Building.	P.F. A-7932
Port McNicoll, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 197 $12,000.00 for the purpose of erecting an addition to the present school and equipping same.	P.F. A-7726
Port McNicoll, Village of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 197. $12,000.00 for the erection and equipment of a school building.	P.F. A-7841
Prescott, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $9,000.00 for the construction of a pavement on St. Lawrence St. as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7742-a
Prescott, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $3,000.00 for the construction of sidewalks on the north side and the south side of King St., the West side of Centre St., the North side of Water St. fronting Lots 13, 14 and 15 and the east side of West St. in the said Town as Local Improvements (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7742-b
Preston, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law 1194. $830.30 for the construction of sewer extension.	P.F. A-7780

Preston, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $393.00 for the construction of a cement sidewalk on both corners of Front St. and Third Ave., as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7780-a
Preston, Town of	Secs. 59 (d) and 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For authority to issue debentures to pay a floating indebtedness in the sum of $34,000.00 and for the pasing of a By-law therefor.	P.F. A-7758
Preston, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1196. $34,000.00 for a certain floating indebtedness.	P.F. A-7758-a
Renfrew, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $52,000.00 for the construction of a new Dam on the Bonnechere River.	P.F. A-7769
Renfrew, Town of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1385. For approval of its By-law No. 1385 for construction of a new dam on the Bonnechere River.	P.F. A-7769-a
Renfrew, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1385. For approval of By-law No. 1385—$52,000.00 for construction of a new dam on the Bonnechere River.	P.F. A-7769-b
Rockcliffe Park, Village of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 230. $4,000.00 for certain Local Improvement Works---Watermain on Manor Ave. and Lansdowne Road.	P.F. A-7310
Rockcliffe Park, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 232. $4,599.16 for the construction of a sewer on Cochrane St., from the present sewer main on Maple Lane, as a Local Improvement (on Petition).	P.F. A-7555
Rockcliffe Park, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 234. $3,190.19 for the construction of a sewer on Howick St. as a Local Improvement (on Petition).	P.F. A-7605
Rockcliffe Park, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 245. $9,119.62 for the construction of a sewer on Lisgar Road from the present sewer main on Maple Lane to the intersection of Mariposa Ave. and Lisgar Road as a Local Improvement (on Petition).	P.F. A-7905
Romney, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 13 and 14. $1,115.00 for the construction and repair of the Coatsworth-Robinson Drain, and $5,087.00 for the improvement of the No. 14 or Tunnel Drain.	P.F. A-7708 a and b

Romney, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $5,021.00 for Drainage Purposes in the said Township, pursuant to certain Reports of J. J. Newman, Township Engineer in regard thereto.	P.F. A-8088
Ryde, Municipality of	Sec. 16 of "The Public Schools Act." (R. S. O. 1937, C. 357). By-law No. 368. Providing for the amalgamation of Public School Sections 1, 2, 3 and 4, into one Township area, and of the Appointment of a Referee to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7720
Ryde, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 368. Providing for the amalgamation of Public School Sections 1, 2, 3 and 4 into one Township Area, and of the Report of the Referee appointed by the Board under Order dated July 27th, A.D. 1938, to value, adjust and determine all rights and claims, if any, between the respective parts of the Township comprising the School Sections so united.	P.F. A-7720
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 811. $1,763.33 for repairing and improving the North Twelfth Concession Drain in the said Township.	P.F. A-7703
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 814 and 815. $4,342.56 for Drainage Purposes in the said Township.	P.F. A-7706
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 816. $2,495.00 for drainage work for the repair and improvement of the East and West Branches of the Delisle Drain.	P.F. A-7808
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 818. $2,049.51 for repairing and improving the "Webster" Drain.	P.F. A-7888-a
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 819. $1,005.00 for repairing and improving the "Little 10th Concession" and "Lauzon Outlet" Drain.	P.F. A-7888-b
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 821. $655.00 for the construction of the Curtis Drain.	P.F. A-7982-a
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 823. $1,123.75 for the repair and improvement of the O'Connall and South Talbot Drain.	P.F. A-7982-b
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 825. $2,936.41 for the repair and improvement of the "Ninth Concession" Drain in the said Township, in accordance with its proposed By-law No. 825 therefor.	P.F. A-8061

Sandwich South, Twp. of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 829. For approval of By-law No. 829, (and By-laws Nos. 794, 797 and 811 thereby consolidated) of the Corporation of the Township of Sandwich South—$5,315.00 for drainage purposes.	P.F. A-8131-a
Sandwich South, Twp. of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 830. For approval of By-law No. 830, (and By-laws Nos. 814, 815, 816, 818 and 819, thereby consolidated) of the Corporation of the Township of Sandwich South—$7,910.80 for drainage purposes.	P.F. A-8131-b
Sandwich South, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 831. $974.00 for the repair of the "Talbot-McCarthy" Drain in the said Township, in accordance with its proposed By-law No 831 therefor.	P.F. A-8188
Sarnia, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of "The Unemployment Relief Act, 1935." $5,997.41 for the construction of a pavement on Ontario St. from Mitton to East St. and sewer on Bright St. from Mitton St. to a point 257 feet east of Mitton St.	P.F. A-6055-a
Sarnia, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2204. $5,977.41 for the construction of pavement on Ontario St. from Mitton St. to East St. and a sewer on Bright St. from Mitton St. to a point 257 ft. east of Mitton St.	P.F. A-6055-b
Sarnia, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 7 of "The Unemployment Relief Act, 1935." $3,179.27 for the construction, as a Local Improvement) of a concrete curb and gutter on certain portions of Ontario St.	P.F. A-6056
Sarnia, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $5,164.00 for the construction of storm sewers on Mackenzie St., Forsyth St., Stuart St. and Euphemia St.	P.F. A-7354
Sarnia, City of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 2187. $5,164.00 construction of storm sewers on Mackenzie St., Forsyth St., Stuart St., and Euphemia St.	P.F. A-7354-a
Sarnia, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $3,900.00 for the construction of a concrete curb and gutter on Talfourd St. as a Local Improvement (on Petition), in accordance with its proposed By-law therefor.	P.F. A-8020
Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 90-F. $618.00 for the repair and improvement of the "Johnston" Drain.	P.F. A-7315

Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 8. $850.00 for the construction of a watermain from the limits of the City of Sarnia easterly to the point opposite the westerly limit of Whitmore St. as a Local Improvement (on Petition).	P.F. A-7655
Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 93-F, 94-F, 95-F and 96-F. $1,410.00 for Drainage purposes in the said Township.	P.F. A-7707 a-b-c-d
Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 100-F. $725.00 for the repair and improvement of the "Menzie" Drain in the said Township.	P.F. A-7971
Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 97-F and 9. $5,525.00 for completion of the Cow Creek Drain. and for approval of the undertaking of a capital expenditure of $2,150.00 for the construction of watermains on East St.	P.F. A-7797 a-b
Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 10. $460.00 for the construction of a concrete sidewalk on the easterly side of Collingwood St., as a Local Improvement, (on Petition).	P.F. A-7870
Sarnia, Township of	Sec. 406 of "The Mun. Act." By-law No. 99-F. A By-law restricting the use of land and the erection of buildings on land situate within certain defined areas.	P.F. A-7880
Sarnia, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 92-F. $650.00 for the repair and improvement of the Woods Creek Drain.	P.F. A-7469
Sault Ste. Marie, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). Construction of certain Local Improvement Works and the passing of a By-law therefor, Street Improvements on Pine and other streets in accordance with the Council's Notice of Intention dated the 16th day of December, 1937.	P.F. A-7342
Sault Ste. Marie, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269). For approval of the undertaking of certain Local Improvement Works and the passing of a By-law therefor.	P.F. A-7893
Agar, Gilbert and Agar, Ida Scarborough, Township of	Sec. 29 of "The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). Leave to commence action.	P.F. A-5324
Scarborough, Township of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). Approval of its restricted area By-law No. 2041.	P.F. A-7379
Scarborough, Township of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). Approval of By-law No. 2057 amending the said By-law No. 2050.	P.F. A-7577

Scarborough, Township of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its restricted area By-law No. 2051, and of By-law No. 2065 amending the said Bylaw No. 2051.	P.F. A-7777
Scarborough, Township of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its restricted area By-law No. 2056.	P.F. A-7884
Scarborough, Township of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of By-law No. 2067, amending its restricted area By-law No. 2041.	P.F. A-8164
Seaforth, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of By-law No. 402, 1938, ($5,000.00 for repairs and improvements to Public School).	P.F. A-7359-a
Seaforth, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 402. $5,000.00 for repairs and improvements to the Public School.	P.F. A-7359-a
Seaforth, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 403. $30,000.00 for the erection of additions and extensions to the Collegiate Institute building in the said Town.	P.F. A-7359-b
Seaforth, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of By-law No. 403, 1938, ($30,000.00 for the purpose of erecting additions and extensions to Collegiate Institute).	P.F. A-7359-b
Shuniah, Municipality of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $4,500.00 for repairs and improvements to the School Building in School Section No. 5 in the Township of McIntyre.	P.F. A-7664
Shuniah, Municipality of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 631. $4,500.00 for repairs and improvements to the School Section No. 5 in the Township of McIntyre.	P.F. A-7664-a
Sioux Lookout, Town of	Sec. 339 of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year. ($10,000.00).	P.F. A-7835
Smith, Township of Peterborough, County of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). For the approval by the Board of a certain By-law of the Council of the Township (as amended) designating a portion of the Township as a defined area	P.F. A-7650
Smith, Township of	Sec. 70 of "The Ont. Mun. Board Act," $15,000.00 for purposes of Public School Section No. 13, and $6,500.00 for purposes of School Section No. 3.	P.F. A-7685

Smith, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-laws Nos. 991 and 992). By-law No. 991 to provide for the borrowing of $6,500.00 to meet certain liabilities of School Section No. 3, of the Township of Smith, and By-law No. 992 to provide for the borrowing of $15,000.00 to meet the cost of construction of a school house in School Sec. No. 13, of the Township of Smith.	P.F. A-7685-a
Smooth Rock Falls, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 175. $21,600.00 for an extension to the Public School Building.	P.F. A-8006
Southampton, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 910. $8,500.00 for the erection of an addition to the present Continuation School and the installation of necessary equipment therefor.	P.F. A-7883
South Dorchester, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 384. $737.00 for drainage work in the said Township.	P.F. A-7936
South Plantaganet, Twp. of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 215. Approval of the undertaking of a capital expenditure of $6,500.00 for erection of a school house and the purchase of furniture, furnishings and equipment therefor in Public School Section No. 1 of the Township of South Plantaganet in accordance with its proposed By-law No. 215 therefor.	P.F. A-7225
South Plantaganet, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 215 $6,500.00 for erection of a school house and the purchase of furniture and equipment therefor in Public School Section No. 1 of the said Township.	P.F. A-7225
Southwold, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1061. $3,974.00 for the construction of the "Fitch" Drain.	P.F. A-7350
Southwold, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1063. $755.50 for tile drainage work in the said Township.	P.F. A-7581
Stanhope, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 573. Providing for the amalgamation of Public School Sections 2, 3, 4 and 5 into one Township School Area, and of the Report of the Referee appointed by Order of the Board dated July 27th, 1938, to value, adjust and determine all rights, of respective parts of the Township comprising the School Sections so united.	P.F. A-7721

Stanhope, Municipality of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 573. Providing for the amalgamation of Public School Sections 2, 3, 4 and 5, into one Township area, and of the Appointment of a Referee to value, adjust and determine all rights and claims if any between the respective parts of the Township comprising the School Sections so united.	P.F. A-7721
Stamford, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935. By-law No. 674. For the approval of the undertaking of a capital expenditure of $10,000.00 for the purchase of a Motor Truck Pumper and appurtenances for the purpose of fire protection for part of the said Township.	P.F. A-7238
Stamford, Township of	Sec. 310 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 690. Amending By-law No. 674. $10,000.00 for Fire Protection Equipment.	P.F. A-7238-a
St. Catherines, City of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935, and Sec. 50 of "The Ont. Mun. Board Act, 1932," and Sec. 8, of "The Local Improvement Act," as re-enacted by Sec. 2 of "The Local Improvement Amendment Act, 1932." For approval of the undertaking of capital expenditures amounting to $3,998.00 for construction of certain Local Improvements.	P.F. A-7183
St. Catherines, City of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $18,000.00 for certain Floating Indebtedness (Housing Commission Debt to the Province of Ontario).	P.F. A-7300
St. Catherines, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C 60). $362.25 for the construction of private drain connections from the Sewer on Wiley St. from Junkin St. to St. Patrick St., in accordance with Local Improvement Notice dated March 12th, 1938.	P.F. A-7394
St. Catherines, City of	Sec. 420 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 4428. Amending By-law No. 3970. The approval of a reduction of the annual fee from fifty cents to twenty-five cents for licenses to residents owning or using any bicycle upon any highway in the said city.	P.F. A-7412
St. Catherines, City of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $15,000.00 for the construction of an addition to the Public Library, in accordance with its proposed By-law therefor.	P.F. A-7660
St. Catherines, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $15,000.00 for the construction of an addition to the Public Library.	P.F. A-7660

St. Catherines, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 4456 $15,000.00 to provide for the construction of an addition to the Public Library.	P.F. A-7660-a
St Catherines, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266), and of "The City of St. Catharines Act, 1938," 2 Geo. VI. C 66. For approval of the acquisition of land for and the construction of an arena and the issue of debentures for $40,000.00 to provide part of the cost thereof and of the further debt and levies to be made in respect thereto.	P.F. A-7743
St. Catherines, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 4421 $40.000.00 to provide for the construction of an arena.	P.F. A-7743-a
St. Catherines, City of	Sec. 70 of "The Ont. Mun. Board Act." (R.S O. 1937, C. 60). $3,734.00 for the construction of certain Local Improvements (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7790 a-b-c
St. Catherines, City of	Sec. 8 of "The Local Improvement Act." (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O 1937, C. 60). For the approval of the construction of certain local improvements being the construction of concrete sidewalks on Church, Ontario, Mary, and Queen St. and of the capital expenditure of $2,182.00 in accordance with its proposed By-law therefor.	P.F. A-7839
St. Catherines, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $496.00 for the construction of a sidewalk on Ridgewood Road and Curb on Frank St. as a Local Improvement (on Petition) in accordance with a certain proposed By-law therefor.	P.F. A-7945
St. Catherines, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C 60). $100.00 for the construction of a concrete sidewalk on the east side of Wiley St. as a Local Improvement (on Petition) in accordance with a certain proposed By-law therefor.	P.F. A-8043
St. Catherines, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun Board Act," (R.S.O. 1937, C 60). For approval of the construction of certain Local Improvement Works in accordance with its Council's Notice of Intention dated the 10th day of Sept., 1938, and of the capital expenditure of $1,725.00 involved therein, and of the passing of its proposed By-law therefor.	P.F. A-8044
St. Clair Beach, Village of	Sec. 8 of "The Mun. Franchises Act," (R.S.O. 1937, C. 272). By-law No. 162. Granting a franchise to the Windsor Gas Company, Limited, to construct works to supply the said Village, and of the Application of the Windsor Gas Company, Limited, for a Certificate of Public Convenience and Necessity therefor.	P.F. A-7991

Stirling, Village of	Sec. 339 (2) of "The Mun. Act." By-law No. 447. $3,500.00 for waterworks.	P.F. A-7126-a
Stirling, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $15,000.00 for addition to High School to provide accommodation for teaching General Shop and Home Economics courses and a combined Gymnasium-Auditorium.	P.F. A-7407
Stirling, Village of	Sec. 70 of "The Ont. Mun. Board Act." (R.S.O. 1937, C. 60). $1,500.00 to complete the addition to the High School.	P.F. A-7407-a
St. Marys, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 642. $10,000.00 to build an addition to the Collegiate Institute of the said Town.	P.F. A-6947-a
St. Marys, Town of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 657. To prevent the use of land or erection or use of certain buildings within certain limits in the Town of St. Marys.	P.F. A-7439
St. Marys, Town of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year.	P.F. A-8038
Stoney Creek, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 89. $5,000.00 for Tile Drainage Loan.	P.F. A-7744
Stormont, Dundas & Glengarry, United Counties of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 2633. $35,000.00 for completion of payment for the building and equipment of the St. Lawrence Sanatorium.	P.F. A-7298
Stormont, Dundas & Glengarry, United Counties of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2633. $35,000.00 to finish paying for the building and equipment of the St. Lawrence Sanatorium.	P.F. A-7298-a
Stouffville, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $12,500.00 for the purpose of building an addition to the present Schoolhouse in the said Village.	P.F. A-7473
St. Thomas, City of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 3215. For approval of its Restricted Area By-law No. 3215 restricting the use of certain lands bordering on Stanley St. in the said city, and the erection of buildings thereon, and of By-law No. 3272 of the said Corporation, amending the said By-law No. 3215.	P.F. A-7254
St. Thomas, City of	Sec. 59 (d) of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60) $100,000.00 for certain Floating Indebtedness (accumulation of uncollectible taxes).	P.F. A-7389
St. Thomas, City of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 3234. $100,000.00 for Floating Indebtedness.	P.F. A-7389-a

St. Thomas, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 3232, 3237, 3244, 3245 and 3246. $2,594.50 for construction of certain Local Improvements (on Petition).	P.F. A-7637
St. Thomas, City of	Sec. 69 and 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 3256. For an Order Dispensing with a Vote of the Electors in regard to $51,000.00 pursuant to its Proposed By-law No. 3256, a By-law for borrowing the sum of $51,000.00 for the purpose of erecting a Nurses' Home in connection with The Memorial Hospital.	P.F. A-7775
St. Thomas, City of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 3256. $51,000.00 for erection of Nurses' Home in connection with The Memorial Hospital.	P.F. A-7775-a
St. Thomas, City of	Sec. 70 of "The Ont. Mun. Board Act." (R. S. O. 1937, C. 60). By-law No. 3254. $67.80 for the construction of a concrete sidewalk on the south side of Hemlock St. as a Local Improvement (on Petition).	P.F. A-8201
Stevens, Frank Sudbury, Ont.	29 (1) of "The Dept. of Mun. Affairs Act." Leave to commence action against Corporation City of Sudbury.	P.F. A-5141
Dean, K. V. Sudbury, City of	Sec. 29 (1) of "The Dept. of Mun. Affairs Act." Leave to commence action against Corporation of City of Sudbury.	A-5141
Sudbury, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1937. $80,000.00 for construction of a six-room addition with equipment to Landsdowne School and a four-room addition with equipment to Alexander School in the said City.	P.F. A-7666
Sudbury, City of	Sec. 406 of "The Mun. Act," (R.S.O. 1937. C. 266). For approval of its By-law No. 1935.	P.F. A-7695
Sudbury, City of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its By-laws Nos. 1942 and 1958.	P.F. A-7696
Sudbury, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $32,143.12 in accordance with its proposed By-law No. 1949 therefor.	P.F. A-7738
Sudbury, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of construction of certain watermains as Local Improvements in accordance with its Council's Notice of Intention dated the 2nd day of August. 1938, and of the capital expenditure of $13,314.36 involved therein and of the passing of its proposed By-law No. 1963 therefor.	P.F. A-7921

Sudbury, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1990. For approval of the construction of a sanitary sewer on the lane first south of Ontario St. from Horobin St., three hundred and thirty feet east as a Local Improvement in accordance with its Council's Notice of Intention dated the 7th day of Nov., 1938, and of the expenditure of $773.70 involved therein, and of the passing of its proposed By-law therefor.	P.F. A-8160
Sunnidale, Township of	Sec. 420 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 680. Annual Fee for License to Residents owning and using any bicycle upon any highway of the said Township.	P.F. A-7697
Swansea, Village of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). Approval of the construction of a pavement on Morningside Ave. from Willard Ave. to South Kingsway, approved by the Order of the Board dated the 15th day of Oct. A.D. 1937, at an estimated cost of $7,825.00 and of an application for approval of a further expenditure of $3,500.00 for the completion of the said work.	P.F. A-7052
Swansea, Village of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 727. $1,023.00 for the construction of a watermain on the north side of Bloor St. from Traymore Cres., westerly to north limits of Village, under Notice of Council's Intention to undertake the work, published on the 10th and 17th days of February, 1938.	P.F. A-7367
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 728. $1,950.00 for the construction of an extension of the storm sewer system on Brule Crescent.	P.F. A-7406
Swansea, Village of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 728. $1,950.00 for extension of the storm sewer system on Brule Crescent.	P.F. A-7406-a
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 729. $850.00 for the construction of rainwater connections on Brule Cres., from the west limit of Lot 57, Plan M539, southerly and westerly to Brule Gardens as a Local Improvement (on Petition).	P.F. A-7421
Swansea, Village of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 732. $2,250.00 for the construction of a concrete sidewalk with curb on the south side of Larkin Ave. as a Local Improvement, and pursuant to Notice of Intention published May 12th, 1938.	P.F. A-7675

Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 735. $32,000.00 for Drainage work on Riverside Drive as a Local Improvement.	P.F. A-7676
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 738. $1,935.00 for the construction of a watermain on Bloor St. (north side) from Traymore Cres., to Mossom Road as a Local Improvement (on Petition).	P.F. A-7896
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 737. $300.00 for the construction of grading of Yule Ave., as a Local Improvement, (on Petition), and the passing of By-law No. 737 therefor.	P.F. A-7925-a
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $726.00 for the construction of a sanitary sewer with private drain as a Local Improvement (on Petition) and the passing of By-law No. 739 therefor.	P.F. A-7925-b
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 747. $1,025.00 for the construction of a curb and gutter on Brule Terrace from Bloor St. to Brule Gardens as a Local Improvement (on Petition).	P.F. A-7947
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 745. $2.274.00 for the construction of a six-inch watermain on Morningside Ave. as a Local Improvement (on Petition).	P.F. A-8158-a
Swansea, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 746. $1,845.00 for the construction of a sanitary sewer on Morningside Ave. as a Local Improvement (on Petition).	P.F. A-8158-b
Teck, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ontario Statutes, 1935, and of Sec. 306 (2) of "The Mun. Act." For approval of the undertaking of a capital expenditure of $9,600.00 for the construction of certain Local Improvements (on Petition)—cement sidewalks, in accordance with its proposed By-law No. 857 therefor.	P.F. A-7247
Teck, Township of	Sec. 89 of "The Ont. Mun. Board Act. 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935, and Sec. 306 (2) of "The Mun. Act." By-law No. 866. For approval of the undertaking of a capital expenditure of $8,000.00 for the construction of certain local improvements (on Petition) —construction and widening of pavement.	P.F. A-7248

Teck, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935, and Sec. 306 (2) of "The Mun. Act." By-law No. 870. For approval of the undertaking of a capital expenditure of $21,992.00 for the construction of certain watermains and sewers, etc., on Spruce St., Balsam Ave. and Premier Ave. (under Mandatory Order of the Department of Health).	P.F. A-72
Teck, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935, and Sec. 306 (2) of "The Municipal Act." By-law No. 871. For approval of the undertaking of a capital expenditure of $34,734.00 for the construction of certain watermains and sewers on Rand Ave., Prince St. and Baron St. (under Mandatory Order of the Department of Health).	P.F. A-7250
Teck, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 858. $22,700.00 for the erection of a Fire Hall within the Municipality.	P.F. A-7426
Teck, Township of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of further debt to be incurred and levies to be made in respect of the borrowing of $22,700.00 upon debentures to pay for the erection of a Fire Hall within the Municipality.	P.F. A-7426-a
Teck, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 820. $70,000.00 for addition to High School.	P.F. A-7427
Teck, Township of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of further debt to be incurred and levies to be made in respect of the bororwing of $70,000.00 for addition to High School.	P.F. A-7427-a
Teck, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 911. $25,000.00 for the construction of watermains and sewers on Comfort St., Park St. and King St. (Mandatory Order).	P.F. A-7724
Teck, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 917. $5,000.00 for the construction of sidewalks on Main St., McCamus Ave., McKelvie Ave. and First St., as a Local Improvement (on Petition).	P.F. A-7953
Teck. Township of	Sec. 339 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70% of the estimated revenues of the Corporation for the current year.	P.F. A-7967
Teck, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 920. $17,340.00 for completion of Vocational School Building and for the purchase of additional grounds adjoining High School lands and purchase of additional equipment.	P.F. A-7995

Teck, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 920. $17,340.00 for completion of Vocational School Building and for the purchase of additional grounds adjoining the High School lands and for the purchase of additional equipment.	P.F. A-7995
Teck, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 921. $65,000.00 for Public School purposes.	P.F. A-7996
Teck, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 921. $65,000.00 for Public School Purposes.	P.F. A-7996-a
Teck, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 926. $25,640.00 for the construction of certain sewers and watermains.	P.F. A-816
Rogers, Reeta Dept. of Highways of The Province of Ontario. Thorold, Township of	Sec. 79 of "The Highway Improvement Act," (R.S.O. 1937, C. 56), (formerly Sec. 77a). For an alleged damage to certain lands, being part of Lot 240 in the Township of Thorold in the County of Welland and compensation for loss of an exclusive right of way adjacent thereto	P.F. A-7002
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 20. $677.00 for the repair and improvement of the "Sinclair Drain."	P.F. A-8074-a
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 4. $1,224.00 for the better maintenance of the "Murphy Drain."	P.F. A-8074-b
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 6. $377.00 for the repair and improvement of the "No. 3 Government Drain."	P.F. A-8074-c
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 8. $896.00 for the repair and improvement of the "Davis Drain."	P.F. A-8074-d
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 9. $594.00 for the repair and improvement of the "McKim Drain West."	P.F. A-8074-e
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 11. $395.00 for the repair and improvement of the "Moffat, Burke Drain."	P.F. A-8074-g
Tilbury East, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 12. $220.00 for the repair and improvement of the "Phillips Drain."	P.F. A-8074-h

Tilbury North, Township of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Section 4, Ch. 51, Ont. Statutes, 1935. For approval of the undertaking of a capital expenditure of $4,977.00 for improvements to "Second Concession Road Drain" west of Big Creek, in accordance with report of J. J. Newman, Township Engineer, dated August 26th, 1937.	P.F. A-7261
Tilbury North, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 853. $246.24 for cleaning out, deepening and enlarging the Robb-Dales Drain in the Townships of Tilbury West and Tilbury North.	P.F. A-7459
Tilbury North, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 869. $666.88 for repairing and improving the "Stony Point" Drain in the said Township.	P.F. A-7958
Timmins, Town of	Sec. 89 of "The Ont. Mun. Board Act, 1932," as enacted by Sec. 4, Ch. 51, Ont. Statutes, 1935, and Sec. 306 (2) of "The Mun. Act." For approval of the undertaking of a capital expenditure of $345.15 for the construction of a sidewalk on Birch St., east side, from Kimberley Ave. to South Boundary, as a Local Improvement (on Petition).	P.F. A-5996 e-1
Timmins, Town of	Sec. 8 L.I. Act, Sec. 89 Board's Act and 306 (2) "Municipal Act." $58,369.39 for construction of Local Improvements.	P.F. A-6546
Timmins, Town of	Part V. Board's Act. By-law 549. $3,490.55 Floating Indebtedness.	P.F. A-6690-a-1
Timmins, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 552. $12,733.48 for the purchase and acquisition of certain waterworks within territory in the Township of Tisdale to be annexed to the Town of Timmins.	P.F. A-7003-a
Timmins, Town of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 552. $13,733.48 to purchase and acquire certain waterworks within territory annexed from the Township of Tisdale.	P.F. A-7003-b
Timmins, Town of	Part IV. of "The Ont. Mun. Board Act,' (R. S. O. 1937, C. 60). By-law No. 552. To provide for the borrowing of the sum of $13,733.48 for waterworks purposes.	P.F. A-7003-c
Timmins, Town of	Part V. of "The Ont. Mun. Board Act, 1932." By-law No. 546. $95,000.00 for Public School purposes.	P.F. A-7201-a
Timmins, Town of	Part V. of "The Ont. Mun. Board, 1932." By-law No. 550. $110,000.00 to repay a floating indebtedness incurred by the Corporation.	P.F. A-7205-a
Timmins, Town of	Sec. 18 of "The Local Improvement Act," (R.S.O. 1937, C. 269). By-law No. 555. Amending Local Improvement By-law No. 475 as amended by By-law No. 522—abandoning a portion of the work authorized thereunder.	P.F. A-7355

Timmins, Town of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 556. $74,803.03 for the construction of certain Local Improvements — pavements, concrete walks and sewers.	P.F. A-7385
Timmins, Town of	Sec. 8 of "The Local Improvement Act." (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 551. $15,500.00 for the construction of certain Local Improvement works, in accordance with Notice of Intention, dated the 14th day of February, 1938	P.F. A-7442
Timmins, Town of	Sec. 310 of "The Mun. Act," (R. S. O. 1937, C. 266). By-law No. 594. For approval of its Interest Decrease (4½% to 4%) By-law No. 594, amending By-law No. 574—($30,295.10 to provide for the extension of sewage works).	P.F. A-7597
Timmins, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 574. $30,295.10 for certain sewerage work in the said Town.	P.F. A-7597
Timmins, Town of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 574. $30,295.10 to provide for the extension of sewage works in accordance with its By-law No. 574.	P.F. A-7597
Timmins, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 575. $17,119.80 for extension of watermain in the said Town.	P.F. A-7598
Timmins, Town of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266), and Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $17,119.80 to provide for extension of waterworks by extending the watermains in accordance with its By-law No. 575.	P.F. A-7598
Timmins, Town of	Sec. 310 of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its Interest Decrease (4½% to 4%) By-law No. 592, amending By-law No. 575, ($17,119.80 to provide for extension of waterworks by extending the watermains).	P.F. A-7598
Timmins, Town of	Sec. 407 (2) of "The Mun. Act," (R.S.O 1937, C. 266), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 578. $4,000.00 to provide for the extension of storm sewers.	P.F. A-7641
Timmins, Town of	Sec. 310 of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its interest Decrease (4½% to 4%) By-law No. 593 amending By-law No. 578 ($4,000.00 to provide for the extension of storm sewers).	P.F. A-7641
Timmins, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 578. $4,000.00 for extension of storm sewers from Birch St. to Elm St. on Sixth Ave.	P.F. A-7641

Timmins, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $18,734.85 for the construction of sanitary sewers as Local Improvements (as set out in Schedule "A" hereto) in accordance with its Notice of Intention dated June 8th, 1938.	P.F. A-7705
Timmins, Town of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of the Further Debt to be incurred and levies to be made in regard to certain Capital Expenditures hereinafter set out.	P.F. A-7712
Timmins, Town of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law 579. $8,500.00 for the construction of certain Local Improvements.	P.F. A-7811
Timmins, Town of	Sec. 420 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 576. Annual Fee for License to Residents owning and using any bicycle upon any highway of the said Town.	P.F. A-7869
Timmins, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $1,800.00 for the construction of a sanitary sewer on Carlin Ave. from Waterloo Road to North Road as a Local Improvement (on Petition) and the passing of a proposed By-law No. 588 therefor.	P.F. A-7959
Timmins, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act." By-law No. 587. $3,000.00 for the extension of a watermain on Carlin Ave. from Elm St. to Waterloo Road.	P.F. A-7960
Tisdale, Township of	Sec. 70 of "The Ont. Mun. Board Act,' (R.S.O. 1937, C. 60). By-law No. 471. $75,000.00 for building, equipping and furnishing an addition to Public School at South Porcupine, improving the grounds and assisting in moving the Rink of the Porcupine Skating Rink Company, Limited, from the school grounds to a new site.	P.F. A-7434
Tisdale, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 471. $75,000.00 for Public School Purposes, School Section No. 1.	P.F. A-7434-a
Tisdale, Township of	Sec. 70 of "The Ont. Mun. Board Act,' (R. S. O. 1937, C. 60). By-law No. 477. $34,852.40 for sewers and septic tank, Schumacher Townsite.	P.F. A-7500
Toronto, City of	Sec. 88 and 89 of "The Ont. Mun. Board Act, 1932." Approval of issue of debentures to provide $154,254.50 for the Corporation's share of the construction of new breakwater for the protection of the shore of Toronto Island from a point approximately 1,500 feet west of the Eastern Channel to a point 6,500 feet further west or to a point approximately opposite Manitou Road, Centre Island.	P.F. A-6157

Toronto, City of	Sec. 398, Sub-Sec 2b of "The Mun. Act." By-law No. 14665. Repeal By-law No. 12958 to permit erection of double duplex dwellings on Lots 1, 2 and 3, Plan M-544, Otter Crescent.	P.F. A-6629
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 14724. Amended by its By-law No. 14743, being a By-law to repeal By-law No. 12604 in so far as it prevents the establishment of an automobile service station at the south-east corner of Avenue Road and Chaplin Cres.	P.F. A-6657
The Prudential Insurance Company of America, Toronto, City of	"The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court of the County of York, in regard to the property known as No. 1395 Gerrard St., Toronto.	P.F. A-7115
The Prudential Insurance Company of America, Toronto, City of	"The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the Decision of the County Court Judge of the County of York, in regard to the property known as No. 57 Glengowan Road, Toronto.	P.F. A-7115-a
The Prudential Insurance Company of America, Toronto, City of	"The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court Judge of the County of York, in regard to property known as Nos. 1384-1386 King St. West, Toronto.	P.F. A-7116
Toronto, City of	Sec. 27a (3) of "The Local Improvement Act," as reenacted by Sec. 2 of "The Local Improvement Amendment Act, 1933." By-law No. 14868. Authorizing the construction of a pavement on the lane first south of Queen Street, between Scarborough Beach Boulevard and Glen Manor Drive, as a local improvement.	P.F. A-7159 a-1
Toronto, City of	Sec. 8 of "The Local Improvement Act," as enacted by Sec. 2 of "The Local Improvement Amendment Act, 1932," and Sec. 89 of "The Ontario Mun. Board Act, 1932," as enacted by Sec. 4 of "The Ont. Mun. Board Amendment Act, 1935." Authority to proceed with and provide moneys for the construction as local improvement works (1) Sewer on Palmerston Ave., west side from a point at or about the centre line of College St. to a point at or about the south St. line of Bloor St., at an estimated cost of $24,090.00, and (2) Sewer on Palmerston Ave., east side, from a point at or about the centre line of College St. to a point at or about the south St. line of Bloor St., at an estimated cost of $24,175.00.	P.F. A-7162
Toronto, City of	Sec. 398 (2b) of "The Mun. Act." By-law No. 14850. To repeal By-law No. 10613 in so far as it prevents the conversion of No. 58 Glenrose Ave. into a two-family dwelling house.	P.F. A-7187

Toronto, City of	Sec. 406 of "The Mun. Act." By-law No. 14725. To repeal By--law No. 13148 in so far as it prevents the erection on certain lands on the west side of Christie St., immediately south of St. Clair Ave. West, of a pair of semi-detached two-family dwelling houses.	P.F. A-7236
Toronto, City of	Sec. 406 of "The Mun. Act." By-law No. 14376. A By-law to repeal By-law No. 12958 in so far as it prevents the erection of a private detached dwelling house and garage at the south-east corner of Lytton Boulevard and Proudfoot Ave. on lands having lesser area than 5,000 square feet as required by the said By-law.	P.F. A-7257
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for a concrete sidewalk on Roselawn Ave., north side, from 503 feet west of Rosewell Ave. to 232 feet farther west.	P.F. A-7280
Davidson, F. J. A. Toronto, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272. An Appeal from the decision of the County Court of the County of York, in respect of the assessment of the lands and buildings known as 1479-1787 Queen St. West in the City of Toronto.	P.F. A-7287
Gundy, James H. Toronto, City of	(R.S.O. 1937, C. 272) Sec. 84 of "The Assessment Act." An Appeal from the Court of Revision for the City of Toronto.	P.F. A-7293
McNab, J. W. & Company, Toronto, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court of the County of York on appeal from the Court of Revision for the City of Toronto.	P.F. A-7297
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O 1937, C. 266). By-law No. 14891. To repeal By-law No. 12958 in so far as it prevents the erection of three dwellings on lands on the north side of Roselawn Ave. with the easterly wall of each closer to the property line adjacent thereto than the distance of 18 inches prescribed by the said By-law.	P.F. A-7298
Sheard, Charles, the Estate Toronto, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court of the County of York.	P.F. A-7303
Childs & Company, Toronto, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court of the County of York.	P.F. A-7306
Ryrie, Christina W., and others, Toronto, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court of the County of York.	P.F. A-7318
George Coles, Limited, Toronto, City of	Sec. 84 of "The Assessment Act," (R.S.O. 1937, C. 272). An Appeal from the decision of the County Court of the County of York.	P.F. A-7321

Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a sidewalk on the south side of Davenport Road, west of Kendal Ave. as a Local Improvement.	P.F. A-7322
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of an asphalt pavement on Oriole Crescent east of Oriole Parkway.	P.F. A-7331
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O 1937, C. 266). By-law No. 14863. To repeal By-law No. 11957 in so far as it prevents the conversion of No. 92 Spadina Road into a three-family apartment house.	P.F. A-7361
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction, as local improvements, of a sewer and pavement on the lane first north of the north street line of Williamson Road produced easterly.	P.F. A-7274
Toronto, City of	Sec. 29 (3) of "The Local Improvement Act." By-law No. 14916. Authorizing the construction of a concrete pavement on the lane first north of the north street line of Williamson Road produced easterly, as a local improvement.	P.F. A-7374 2a
Toronto, City of	Sec. 406 (2b) of "The Mun. Act." By-law No. 14872. A By-law to repeal By-law No. 13148 in so far as it prevents the maintenance of an addition to the skating pavilion at No. 586 Christie St.	P.F. A-7391
Toronto, City of	Sec. 406 (2b) of "The Mun. Act." By-law No. 14920. To restrict to use for private detached residences only land and buildings on Edgewood Ave., between Kingston Road and Eastwood Road.	P.F. A-7402
The Toronto Transportation Commission.	Secs. 253, 256 and 257 (R.S.O. 1937, C 259). For the approval of the Board of the operation by the said Commission of cars of a certain design and equipment as One-Man Cars.	P.F. A-740[illegible]
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of certain public and high school capital expenditures estimated at $479,000.00.	P.F. A-7454 and 5
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act.' For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for a local improvement sidewalk on Redpath Ave., east side, from Manor Road to 123 feet, 11 inches north, at an estimated cost of $202.00.	P.F. A-7461

Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 14917. To repeal By-law No. 11986 in so far as it prevents the conversion of Nos. 346 and 348 Palmerston Ave. into two-family dwelling houses.	P.F. A-7479
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of its By-law No. 14949, amending its By-law No. 14917 (repealing in part By-law No. 11986) to permit the conversion of Nos. 346 and 348 Palmerston Ave. into a three family apartment house and a two family dwelling house respectively.	P.F. A-7479-a
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 14942. To repeal By-law No. 12621 in so far as it prevents the construction of an addition to Timothy Eaton Memorial Church.	P.F. A-7480
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." Approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for a concrete sidewalk on Brookdale Ave., south side, from Elm Road to the west City Limit.	P.F. A-7513
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the diversion and improvement at a width of 74 feet more or less on College St., west of Lansdowne Ave., in a south-westerly direction to connect with Dundas St. at a point 250 feet, more or less, east of the bridge over the right-of-way of the northern division of the Canadian National Railways, as a Local Improvement.	P.F. A-7514
Toronto, City of	Sec. 8 of "The Local Improvement Act," and Sec. 70 of "The Ont. Mun. Board Act." For approval of the undertaking, the passing of a By-law to undertake and the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a concrete sidewalk varying in width from 6 feet to 7 feet 9 inches on the east side of Coxwell Ave., from Hanson St. to 639 feet, 6 inches south, as a Local Improvement.	P.F. A-7515-1
Toronto, City of	Sec. 8 of "The Local Improvement Act," and Sec. 70 of "The Ont. Mun. Board Act." The passing of a By-law to undertake and the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a sewer on Sherbourne St. from a point at or about ten feet north of the south street line of Wellesley St. to a point at or about 87 feet north of the north street line of Earl St., as a Local Improvement.	P.F. A-7515-2
Toronto, City of	Sec. 406 (2) (b) of "The Mun. Act." Approval of a By-law amending its Restricted Area By-law No. 8834 in so far as it prevents the conversion of No. 18 Prince Arthur Ave. into a two-family dwelling house.	P.F. A-7516

Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the undertaking, the passing of a By-law to undertake and the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the widening by 10 feet of the lane situate between the lots on the east side of Langford Ave. and the lots on the west side of Dewhurst Boulevard from a point about 114 feet north of Danforth Ave. to the south limit of Fielding Ave., and from the north limit of Fielding Ave. to the south limit of Milverton Boulevard, produced, as a Local Improvement.	P.F. A-755
Toronto, City of	Sec. 29 (3) of "The Local Improvement Act." By-law No. 14992. For approval of its By-law No. 14992 authorizing the widening of the lane east of Langford Ave. north of Danforth Ave.	P.F. A-7556-a
Toronto, City of	Sec. 406 (2b) of "The Mun. Act." By-law No. 14887. A By-law to repeal By-law No. 11952 in so far as it prevents the conversion of No. 622 Huron St. into a three-family apartment house.	P.F. A-7565
Toronto, City of	Sec. 5(1) of "The City of Toronto Act, 1938." $60,000.00 for a building grant to St. Michael's Hospital.	P.F. A-7569
Toronto, City of	Sec. 5 (1) of "The City of Toronto Act, 1938." $68,580 for the Development of Algonquin Island.	P.F. A-7570
Toronto, City of	Sec. 406 (2b) of "The Mun. Act." By-law No. 14955. To repeal By-law No. 11309 in so far as it prevents the erection of a two-family dwelling house on certain lands adjoining No. 98 Tyndall Ave. as amended by By-law No. 14964.	P.F. A-7601
Toronto, City of	Sec. 406 (2b) of "The Mun. Act." By-law No. 14840. A By-law to repeal By-law No. 11474 in so far as it prevents the conversion of No. 45 Elm Avenue into a three-family apartment house.	P.F. A-7602
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a sewer and pavement on the lane first north of Danforth Ave. between Main St. and Chisholm Ave. and on the lane first east of Chisholm Ave. from the lane first north of Danforth Ave. to the north city limit, as local improvement works.	P.F. A-7669
Toronto, City of	Sec. 29 (3) of "The Local Improvement Act." By-law No. 14991. To authorize the construction of a pavement on the lane first north of Danforth Ave., from Main St. to Chisholm Ave. and on the lane first east of Chisholm Ave. from the lane first north of Danforth Ave. to the north city limit, as a local improvement, recommended upon petition.	P.F. A-7669-a

Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 14980. A By-law to repeal By-law No. 10613 in so far as it prevents the conversion of No. 34 Glenrose Ave. into a duplex dwelling house.	P.F. A-7686
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 14978. A By-law to repeal By-law No. 12621 in so far as it prevents the use of No. 286 Russell Hill Road for Doctors' professional offices and examining rooms.	P.F. A-7732
Toronto, City of	Sec. 29 (3) of "The Local Improvement Act." By-law No. 14988. To authorize the construction of a concrete pavement on the lane first west of Sorauren Ave., between Garden Ave. and the lane first south of Garden Ave., and on the lane first south of Garden Ave., from the east end to the west end, as a local improvement, recommended on the initiative plan.	P.F. A-7778 5-a
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction as local improvements of—concrete sidewalk on portion of N. side of St. Clements Ave., a concrete sidewalk on portion of S. side of St. Clements Ave., an asphalt pavement on portion of Hertle Ave., a concrete curbing on portion of the W. side of Hertle Ave., a concrete pavement on the lane first west of Sorauren Ave., a sewer on lane first south of Garden Ave.	P.F. A-7778
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 14967. A By-law to repeal By-law No. 11986 in so far as it prevents the conversion of No. 506 Palmerston Ave. into a two-family dwelling house.	P.F. A-7795
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide monies for the construction as local improvements of a sidewalk on a portion of the north side of Melrose Avenue and a sewer and watermain on portions of Glen Oak and Glen Oak North.	P.F. A-7942
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 15016. For approval of By-law 15016, a By-law to repeal By-law No. 9651 in so far as it prevents the conversion of premises No. 187 Cottingham St. into a two-family house.	P.F. A-7985
Toronto, City of	Sec. 406 of "The Mun. Act." For approval of By-law No. 15011, a By-law to restrict the use for detached private residences only land and buildings on either side of High Park Gardens.	P.F. A-7998

Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a heavy concrete sidewalk, 4 feet, 10 inches wide, and 8-inch concrete curbing, on Duke St., north side, from Sherbourne St. to 197 feet east, as a Local Improvement.	P.F. A-8005-1
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a 6-inch watermain on the south side of Abbot Ave. from 25 feet east of the west st. line of Indian Road to 390 feet west of the west street line of Indian Road, a length of 415 feet, at an estimated cost of $1,648.00 as a local improvement.	P.F. A-8031
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the passing of a By-law to authorize the issue of debentures to the amount of $162,000.00 to raise the sum of $160,585.66 for the construction of Mount Pleasant Road Bridge and of the said Corporation's exercise of powers to provide moneys to the said amount for the said purpose.	P.F. A-8045
Toronto, City of	Sec. 64 of "The Ont. Mun. Board Act." For approval of By-law No. 15047, a By-law to authorize the issue of debentures to the amount of $162,000.00 for the construction of Mount Pleasant Road Bridge.	P.F. A-8045-a
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the passing of a By-law to authorize the issue of debentures to the amount of $500,000.00 for airport purposes and the said Corporation's exercise of powers to provide moneys to the said amount for the said purpose.	P.F. A-8046
Toronto, City of	Sec. 5 of "The City of Toronto Act, 1937," as amended by Sec. 2 of "The City of Toronto Act, 1938." By-law No. . For approval of passing of the said Corporation's By-law No. , a By-law to authorize the issue of debentures to the amount of $500,000.00 for airport purposes.	P.F. A-8046-a
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a 6-inch watermain on Oxton Ave. from the 6-inch main of Highbourne Road to 50 feet west and 70 feet east at a cost of $209.72.	P.F. A-8060
Toronto, City of	Sec. 6 of "The City of Toronto Act, 1935," Sec. 70 of "The Ont. Mun. Board Act." For approval of the passing of a By-law to authorize the issue of debentures to the amount of $15,000.00 for parks purposes, and of the said Corporation's exercise of powers to provide moneys to the said amount for the said purpose.	P.F. A-8075

Toronto, City of	Sec. 64 of "The Ont. Mun. Board Act." For approval of By-law No. 15049, a By-law to authorize the issue of debentures to the amount of $15,000.00 for parks purposes.	P.F. A-8075-a
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the passing of a By-law to authorize the issue of debentures to the amount of $146,000.00 to raise the sum of $145,498.54 to provide for the balance of the said City's portion of the cost of construction of suburban roads for the year 1935 and all of said City's portion of said cost for the years 1936 and 1937, and of the said City's exercise of powers to provide moneys to the said amount for the said purpose.	P.F. A-8076
Toronto, City of	Sec. 64 of "The Ont. Mun. Board Act." For approval of By-law No. 15048, a By-law to authorize the issue of debentures to the amount of $146,000.00, to provide for payment of the City's portion of the cost of construction of Suburban Roads for the years 1936 and 1937 and the balance of the City's 1935 portion of such cost.	P.F. A-8076-a
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the passing of a By-law to authorize the issue of debentures to the amount of $220,000.00 to provide the said Corporation's share of T.T.C. track allowance pavements, etc., constructed in 1936 and 1937 and of the said Corporation's exercise of powers to provide moneys to the said amount and for the said purpose.	P.F. A-8077
Toronto, City of	"The Unemployment Relief Act, 1935," and "The Ont. Mun. Board Act." By-law No. . For approval of the said Corporation's By-law No. ..... to authorize the issue of debentures to the amount of $1,100,000.00 to defray part of the Corporation's cost of 1938 direct relief.	P.F. A-8078
Toronto, City of	"The Unemployment Relief Act, 1935," and "The Ont. Mun. Board Act." For approval of its By-law No. to authorize the issue of debentures to the amount of $521,000.00 to defray the balance of the Corporation's cost of 1937 direct relief.	P.F. A-8079
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 60). For approval of By-law No. 15041, a By-law to repeal By-law No. 14780 in so far as it prevents the erection, closer to the south street line of Crestview Ave. than the distance required by the said By-law, of a single detached dwelling house on certain lands at the south-west corner of Crestview Ave. and Castle Knock Road, having a lesser frontage and area than 29 feet and 2,900 feet respectively as required by the said By-law.	P.F. A-8092
Toronto, City of	Sec. 70 of "The Ont. Mun. Board Act." For approval of the said Corporation's exercise of powers to authorize, proceed with and provide moneys for the construction of a 12-inch watermain on Ur-	

	win Ave. from at or about 2722 feet east of the east street line of Cherry Str. to at or about 700 feet farther east, a length of approximately 700 feet, at an estimated cost of $4,467.00.	P.F. A-8101
Toronto, City of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of By-law No. 15033, a By-law to repeal By-law No. No. 11986 in so far as it prevents the conversion of No. 520 Palmerston Ave. into a two-family dwelling house.	P.F. A-8106
Trenton, Town of	Part V. of "The Ont. Mun. Board Act, 1932." By-law No. 1850. $105,000.00 for Floating Indebtedness.	P.F. A-7169-a
Trenton, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $28,000.00 for the undertaking and completion of certain special work necessary for the maintenance, extension and improvement of the waterworks system.	P.F. A-7491
Trenton, Town of	Sec. 407 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1871. $28,000.00 for the undertaking and completion of certain special work necessary for the maintenance, extension and improvement of the waterworks system.	P.F. A-7491-a
Trenton, Town of	Sec. 315, (2) of "The Mun. Act," (R.S.O. 1937, C. 266). $28,000.00 for the undertaking and completion of certain special work necessary for the maintenance, extension and improvement of the waterworks system.	P.F. A-7491-b
Trenton, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1871. $28,000.00 for maintenance, extension and improvement of the waterworks system in the said town.	P.F. A-7491-c
Trenton, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $120,000.00 for public school purposes.	P.F.A-7492
Trenton, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of By-law No. 1873 of the Corporation of the Town of Trenton $120,000.00 for the purpose of erecting a new Public School).	P.F. A-7817
Uxbridge, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,000.00 for erecting and equipping a new School Building in School Section No. 10 of the said Township.	P.F. A-7548
Vaughan, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,000.00 for the purpose of building and equipping a new School in School Section No. 13 of the said Township and of the passing of a By-law therefor.	P.F. A-8018
Waterford, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $13,500.00 for the purpose of extending and making permanent improvements to the Waterford High School.	P.F. A-7545
Waterloo, County of	Part V. of "The Ontario Municipal Board Act, 1932." By-law No. 1024. $11,250.00 to pay for part of the cost of certain improvements and additions to the Freeport Sanitarium.	P.F. A-7195 b-1

Waterloo, Town of	Sec. 406 (2b) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 1206. To prevent the use of Willow St., from Erb St. to Allan St., in the Town of Waterloo for purposes other than that of private detached residences or a public park.	P.F. A-7557
Waterloo, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $450.00 for the construction of a sidewalk on the east side of Peppler St. from Young St. to the northerly limit of Lot 3, as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A7859
Waterloo, Town of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $250.00 for the construction of curb and gutter on the east side of Gillen St. from Erb St. to a point 190′ southerly therefrom as a Local Improvement (on Petition) in accordance with its proposed By-law therefor.	P.F. A-7943
Waters, Township of	Sec. 16 of "The Public Schools Act," (R. S. O. 1937, C. 357). By-law No. 57. Providing for the setting apart of the whole of the said Township into one Township School Area.	P.F. A-8172
Waterloo, Township of	Sec. 406 of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 413A. A By-law prohibiting the use of land or the erection or use of buildings within certain defined areas in the Township of Waterloo except for such purposes as may be set out in this By-law and of its By-law No. 414A to amend By-law No. 413A.	P.F. A-7844
Watford, Village of	Sec. 27 (3) of "The Local Improvement," (R.S.O. 1937, C. 269). By-law No. 4. Apportioning the cost of the construction of a pavement on Front Street.	P.F. A-7709-a
Wellington, County of	Sec. 339 of "The Mun. Act," (R.S.O. 1937, C. 266). For authority to borrow an amount in excess of 70 per cent. of the estimated revenues of the Corporation for the current year.	P.F. A-7674
West Ferris, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 311. $17,500.00 to erect, install and connect wells, pumphouse, water pump, tank and to acquire land, if necessary, therefor for the water service of the said Township.	P.F. A-7380
West Lorne, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 426. $740.00 for the construction of the "Main St. West" Drains in the said Village.	P.F. A-7914
West Lorne, Vilage of	Sec. 70 of "The Ont. Mun. Board Act." $86,000.00 for the installment of waterworks in accordance with its proposed By-law therefor.	P.F. A-8052
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1103. $644.62 for the construction of a storm sewer on Wildwood Ave. from Pipe Line Road to Pipe Line Road Drain at Lot 25.	P.F. A-7330
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1106. $1,043.00 for the construction of a watermain on Greenwood Ave., as a Local Improvement.	P.F. A-7349

Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1109. $1,003.00 for the construction of a street lighting system along Wortley Road, Haseline Road and Cathcart St. in the Township of Westminster.	P.F. A-7435
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1110. $1,148.00 for the construction of the Reid Branch Drain in the said Township.	P.F. A-7436
Woolwich, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). $1,886.01 for drainage work in the said Township.	P.F. A-7471
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1115. $1,318.00 for constructing an improvement to the C. B. Smith Award Drain.	P.F. A-7526
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1116. $1,492.00 for the construction of the Wortley Road Drain.	P.F. A-7638
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $4,651.00 for the construction of a Watermain on Iroquois Ave. between Murray St. and Edward St. as a Local Improvement (on Petition).	P.F. A-7757
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1124. $1,874.00 for the construction of a Watermain on Delaware Ave. between Cathcart St. and Edward St.	P.F. A-7814
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 126. $1,029.36 for the construction of a four-foot cement sidewalk on Elworthy Ave. as a Local Improvement (on Petition) and the passing of By-law No. 126 therefor.	P.F. A-7903
Westminster, Twp. of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1127. $2,600.00 for the construction of an 8-inch sanitary sewer on Janes St. as a Local Improvement (on Petition).	P.F. A-7911
Weston, Town of	Sec. 420 (11) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 872. Approval of Annual Fee for License to residents owning and using any bicycle upon any highway of the said Town.	P.F. A-7561
Weston, Town of	"The Department of Municipal Affairs Act," (R.S.O. 1937, C. 59). A Plan for the Refunding, Readjustment and Reorganization of the Debenture indebtedness of the Corporation of the Town of Weston.	P.F. A-7749
Wheatley, Village of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $7,637.95 for construction of concrete pavement on Lake St. south from southerly limit of Buchanan St. to the northerly limit of Coulson St., in accordance with Local Improvement Notice dated May 5th, 1938.	P.F. A-7476
Whitby, Town of	Sec. 306 (2) of "The Mun. Act." For approval of further debt to be incurred and levies to be made in respect of certain floating indebtedness—$18,000.00 Housing Commission Debt to the Province of Ontario.	P.F. A-7196-b

Whitby, Town of	Part IV. of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1524. $18,000.00 for Floating Indebtedness — Housing Commission Loan.	P.F. A-7196-c
Wickstead, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 105. $14,000.00 for purchase of land and erection of an addition to the Hornepayne Public and Continuation School.	P.F. A-7788
Wickstead, Township of	Part IV. of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 105. $14,000.00 for the purchase of land and erection of an addition to the Hornepayne Public and Continuation School.	P.F. A-7788-a
Windsor, City of	Sec. 3 (d) Sandwich, W. & A. Ry. Act. Appointment of W. H. Furlong, K.C., as Chairman of S.W. & A. Ry.	A-4674
Windsor, City of	"Amalgamation Act, 1935." A plan for Funding and Refunding the Debts of the Amalgamated Municipalities of East Windsor, Walkerville, Windsor and Sandwich.	P.F.A-6222
Windsor, City of	"The Windsor Utilities Commission Act, 1938." The Order of The Ontario Municipal Board, dated the 15th day of June, 1938, approving, authorizing and confirming a Plan for the adjustment, satisfaction and refunding of the debentures and other indebtedness of The Essex Borders Utilities Commission.	P.F. A-6222 See A-7541)
Windsor, City of	"The Mun. Act," (R.S.O. 1937, C. 266), Sec. 406 (2). For approval of By-law to permit the use of Buildings for business purposes on Goyeau St. from Erie St. to Giles Boulevard.	P.F. A-7540
Windsor Utilities Commission. The Essex Border Utilities Commission.	"The Windsor Utilities Commission Act, 1938." For an Order approving, authorizing and confirming a Plan for the adjustment, satisfaction and refunding of the Debenture and other indebtedness of The Essex Border Utilities Commission.	P.F. A-7541
Woodbridge, Village of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 683. $650.00 for the construction of a watermain on Ellerby Square.	P.F. A-7348
Woodstock, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $2,425.00 for the construction of certain Local Improvements (on Petition).	P.F. A-7532
Woodstock, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). $350.00 for the construction of a sanitary sewer on Vincent St. from Graham St., easterly 180 feet as a Local Improvement in accordance with its Notice of Intention dated May 28th, 1938.	P.F. A-7634-a
Woodstock, City of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 2391. $2,587.20 for the reconstruction of the sanitary sewer on Rathbourne Ave. from Sydenham St. to Blandford St. as a Local Improvement (on Petition).	P.F. A-7634-b
Woodstock, City of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-laws Nos. 2393, 2394 and 2395. $2,055.00 for the construc-	

	tion of concrete sidewalks in accordance with its proposed By-laws above named, (Local Improvements on Petition).	P.F. A-7875 a-b-c
Woodstock, City of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). For approval of the construction of an 8-inch sanitary sewer on Brant St. from Riddell St. to Wellington St. as a Local Improvement in accordance with its Council's Notice of Intention dated the 21st day of Oct., 1938, and of the expenditure of $606.00 involved therein, and of the passing of its proposed By-law No. 2401.	P.F. A-8130
Yarmouth, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60). By-law No. 1262. $2,247.00 for the construction of the Dalziel Drains in the said Township.	P.F. A-7428
Yarmouth, Township of	Sec. 310 of "The Mun. Act," and Sec. 304 (11) and (12) of "The Mun. Act." By-law No. 1264. Providing for a Decrease (5 per cent. to 4 per cent.) in the rate of interest on Debentures under its By-law No. 1203. For extension of the Debenture Issue Period.	P.F. A-7572
Yarmouth, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1265. $2,712.30 for drainage work.	P.F. A-7759
Yarmouth, Township of	Sec. 70 of "The Ont. Mun. Board Act," (R. S. O. 1937, C. 60). By-law No. 1268. $1,518.00 for the construction of the "Smith Drain No. 2."	P.F. A-8120
Hurren, Charles, and Hurst, Leo, Miller, John York, Township of	Sec. 29 of "The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). Leave to commence action.	P.F. A-4856
Harden, Edward, York, Township of	Sec. 29 of "The Department of Mun. Affairs Act," (R.S.O. 1937, C. 59). Leave to commence action.	P.F. A-485[illegible]
York, Township of	Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). For approval of further debt to be incurred and levies to be made in respect of the purchase of additional lands adjoining the J. R. Wilcox School for playground purposes. $6,000.00.	P.F. A-7304
York, Township of	Sec. 10 (2) of "The Township of York Act, 1932." By-law No. 11727. A By-law to amend By-law No. 11154 respecting the erection of buildings in the District known as Cedarvale in the Township of York.	P.F. A-7647
York, Township of	Sec. 8 of "The Local Improvement Act," (R.S.O. 1937, C. 269), and Sec. 70 of "The Ont. Mun. Board Act," (R.S.O. 1937, C. 60), and Sec. 315 (2) of "The Mun. Act," (R.S.O. 1937, C. 266). By-law No. 11,756. For approval of the construction of a service sewer with drain connections where necessary in Northcliffe Boulevard in accordance with its Council's Notice of Intention dated the 15th day of Sept., 1938, and the passing of its proposed By-law No. 11,756 therefor.	P.F. A-7865
York, Township of	Sec. 406 of "The Mun. Act." For approval of its By-law 11766 as amended by its By-law No. 11783.	P.F. A-7992

LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

(R.S.O. 1937, CHAPTER 261)

		Procedure File
Algoma Central Telephone Co. Ltd. (Sec. 96)	For the approval of Agreement for interchange of telephone service with Algoma Central and Hudson Bay Ry. Co.	A-7487
Algoma Central and Hudson Bay Railway Co. (Sec. 96)	For the approval of Agreement for interchange of telephone service with Algoma Central Telephone Co. Ltd.	A-7487
Ardoch Rural Telephone System (Lyon, Frank) (Sec. 96)	For the approval of Agreement for interchange of telephone service with the Ardoch and Clarendon Telephone System.	A-7799
Ardoch and Clarendon Telephone System (Derue, James) (Sec. 96)	For the approval of Agreement for interchange of telephone service with the Ardoch Rural Telephone System.	A-7799
Ardtrea Telephone Co. Ltd. (Sec. 101)	For an Order approving the sale by the Applicant of its undertaking to The Bell Telephone Co. of Canada.	A-7278
Aylmer & Malahide Telephone Co. Ltd. (Sec. 101)	For the approval of an agreement between the Applicant, the Houghton Bayham & Tillsonburg Telephone Co. Ltd. (Brinn, Alva, Liquidator) and the Norfolk and Tillsonburg Telephone Co. Ltd. and the Aylmer and Malahide Telephone Co. Ltd., providing for the transfer of the plant and assets of the applicant to the said Norfolk and Tillsonburg Telephone Co. Ltd. and the Aylmer and Malahide Telephone Co. Ltd.	A-8133
Aylmer & Malahide Telephone Co. Ltd. (Sec. 87)	For approval of By-law No. 33.	A-8134
Beardmore Telephone Co. Ltd. (Sec. 87)	For approval of By-laws regulating the control and management of its undertaking.	A-7296
Bell Telephone Co. of Canada (Sec. 101)	For an Order approving of sale of Ardtrea Telephone Co. Ltd. to the Bell Telephone Co. of Canada.	A-7278
Bell Telephone Co. of Canada (Sec. 101)	For an Order approving of the sale by the Fairview Telephone Co. Ltd. of its undertaking to the Bell Telephone Co. of Canada.	A-8001
Bell Telephone Co. of Canada (Sec. 101)	For an Order approving of the sale by the Applicant, the Fraser Telephone Co. Ltd., of its undertaking to The Bell Telephone Co. of Canada.	A-7123
Bell Telephone Co. of Canada (Sec. 101)	For approval of the sale by the Glasgow Private Telephone System to the Bell Telephone Co. of Canada of the entire plant and equipment comprising the Telephone System of the Applicant.	A-7630
Bell Telephone Co. of Canada (Sec. 101)	For the approval of the sale by the Marysburg Telephone Co. to The Bell Telephone Co. of Canada, of its entire plant and equipment.	A-8087
Bell Telephone Co. of Canada (Sec. 101)	For an Order approving the sale by the Mutual Telephone Co. Ltd. of its undertaking to The Bell Telephone Co. of Canada.	A-7824

Bell Telephone Co. of Canada (Sec. 101)	For an Order approving the sale by the O'Connell Rathburn Telephone Co. Ltd. of its undertaking to The Bell Telephone Co. of Canada.	A-7536
Bell Telephone Co. of Canada (Sec. 101)	For an Order approving of the sale by the Riverside Telephone Co. Ltd. of its undertaking to The Bell Telephone Co. of Canada.	A-8000
Bell Telephone Co. of Canada (Sec. 31)	For approval of the purchase by the Bruce Municipal Telephone System from the Bell Telephone Co. of Canada of certain plant and equipment.	A-7530
Bell Telephone Co. of Canada (Sec. 31)	For the approval of the purchase by the Township of Percy from The Bell Telephone Co. of Canada, of certain plant and equipment.	A-7874
Bethesda and Stouffville Telephone Co. Ltd. (Sec. 110)	For authority to issue Bonds to an amount not exceeding $40,000.00.	A-7301
Bethesda & Stouffville Telephone Co. Ltd. (Sec. 79)	For an Order approving By-law No. 617 of the Village of Stouffville granting authority to the applicant to erect poles and wires on the streets in the said village.	A-7351
Bethesda and Stouffville Telephone Co. Ltd. (Sec. 109)	Approval of the expenditure of $1,000 of the monies carried to the credit of its Depreciation Fund in Interest Bearing Securities and $33,341.56 of the said Fund upon new construction, extensions and additions to its System.	A-7352
Bruce Municipal Telephone System (Sec. 31)	For the approval of the purchase by the applicant from The Bell Telephone Co. of Canada, of certain plant and equipment.	A-7530
Bruce Municipal Telephone System (Sec. 58)	For an Order prescribing the date for holding the annual meeting of subscribers.	A-7329
Byron Telephone Co. Ltd. (Sec. 87)	For approval of By-law No. 14.	A-7433
Caledon, Township of (Sec. 31)	For the approval of the purchase by the Applicant from The Bell Telephone Company of Canada, of certain plant and equipment. P.F.	A-7832
Chinguacousy, Township of (Sec. 31)	For the approval of the purchase by the Applicant from The Bell Telephone Company of Canada, of certain plant and equipment. P.F.	A-7645
Carlow Municipal Telephone System (Sec. 58)	For an Order prescribing the date for holding the annual meeting of subscribers.	A-7466
Dunwich & Dutton Telephone Co. Ltd. (Sec. 87)	For the approval of By-laws regulating the control and management of its undertaking.	A-7252
Robt. Henry Edgar Telephone Co. Ltd. (Secs. 102 & 103)	For the approval of tolls.	A-8064
Robt. Henry Edgar Telephone Co. Ltd. (Sec. 101)	For approval of the transfer to the applicant, Wilfred Thomas Smith of 476 shares of capital stock of The Robt. Henry Edgar Telephone Co. Ltd. by Phyllis Maltby, Administratrix of Estate of the late Robt. Henry Edgar and one share each of the said Capital stock by John Burke, Frederick C. Cornelius and Geo. Bland.	A-8023
Ernestown Rural Telephone Co. Ltd. (Sec. 109)	For authority to invest $2007.56 of the monies set aside as a Reserve for Depreciation in the purchase of securities.	A-8150

Fairview Telephone Co. Ltd. (Sec. 101)	For an Order approving of the sale by the applicant of its undertaking to the Bell Telephone Co. of Canada.	A-8001
Fraser Telephone Co. Ltd. (Sec. 101)	For an Order approving of the sale by the Applicant of its undertaking to the Bell Telephone Co. of Canada.	A-8123
Glasgow Private Telephone System (Sec. 101)	For the approval of the sale by the Applicant to the Bell Telephone Co. of Canada of its entire plant and equipment.	A-7630
Hazeldean Rural Telephone Co. Ltd. (Secs. 102 & 103)	For approval of the granting by the applicant company of a special discount of $7.50 to apply on net rate for telephone service to shareholders and renters for the six months (only) commencing Jan. 1st. and ending June 30th, 1939.	A-8143
Home Telephone Co. Ltd. (Sec. 87)	For the approval of By-law No. 22.	A-8009
Houghton & South Walsingham Telephone Co. Ltd. (Sec. 101)	For approval of an agreement between Chelsea Louch as Liquidator of The Houghton & South Walsingham Telephone Co. Ltd. and the Southern Ontario Telephone Co. Ltd., providing for the transfer of the property of the said first-named Company to the said last-named Company.	A-7465
Houghton, Bayham & Tillsonburg Telephone Co. Ltd. (Brinn, Alva, Liquidator) (Sec. 101)	For the approval of an agreement between the applicant and the Norfolk and Tillsonburg Telephone Co. Ltd. and the Aylmer & Malahide Telephone Co. Ltd. providing for the transfer of the plant and assets of the applicant to the said Norfolk and Tillsonburg Telephone Co. Ltd. and the Aylmer & Malahide Telephone Co. Ltd.	A-8133
Houghton, Bayham & Tillsonburg, Telephone Co. Ltd. (Secs. 122 and 124)	For an enquiry into the manner of the proposed division and sale of the Company's plant and equipment and for assistance by advice or an Order of the Board in reference thereto.	A-7593
Howick Municipal Telephone System (Sec. 58)	For an Order prescribing the date for holding annual meeting of the subscribers.	A-7395
Ingersoll Telephone Co. Ltd. (Sec. 109)	For authority to expend a portion of the moneys carried to the credit of Applicants depreciation reserve upon new construction, extensions and additions to its system.	A-7752
Ingersoll Telephone Co. Ltd. (Sec. 87)	For approval of By-law No. 10.	A-8121
Innerkip Rural Telephone Co. Ltd. (Sec. 109)	For an Order approving of the investment of $4,000 of the moneys carried to the credit of its Depreciation Fund in interest bearing securities.	A-7447
Lansdowne Rural Telephone Co. Ltd. (Sec. 79)	For an Order approving By-law No. 627 of the Township of Front of Leeds and Lansdowne granting authority to the applicant to erect poles and wires on the highways in the said Township.	A-8029
London Twp. Municipal Telephone System (Sec. 56)	For the approval of By-law No. 2.	A-8193
Marysburg Telephone Co. (Reid, Howard M.) (Sec. 101)	For the approval of the sale by the Applicant to The Bell Telephone Co. of Canada, of its entire plant and equipment.	A-8087

Medora and Wood, United Townships of (Sec. 31)	For the approval of the purchase by the Applicant from The Bell Telephone Company of Canada, of certain plant and equipment. P.F.	A-7657
Madora and Wood, Townships of (Sec. 27)	Authorizing the Council of the said Municipality to pass a By-law providing for the issuing of Debentures to an amount not exceeding $3,000.00 to meet the cost of certain reconstruction, replacements and alterations to the system. P.F.	A-7693
Monteagle and Herschel Municipal Telephone System (Sec. 96)	For the approval of an Agreement for interchange of Telephone Service with Department of Lands and Forests (Province of Ontario).	A-7912
Mutual Telephone Co. Ltd. (Sec. 101)	For an order approving the sale by the applicant of its undertaking to The Bell Telephone Co. of Canada.	A-7824
Norfolk and Tillsonburg Telephone Co. Ltd. (Sec. 87)	For approval of By-law No. 5.	A-8132
Norfolk & Tillsonburg Telephone Co. Ltd. (Sec. 101)	For the approval of an agreement between the applicant, the Houghton, Bayham and Tillsonburg Telephone Co. Ltd. (Brinn, Alva, Liquidator) and the Norfolk and Tillsonburg Telephone Co. Ltd. and the Aylmer and Malahide Telephone Co. Ltd. providing for the transfer of the Plant and Assets of the applicants to the said Norfolk and Tillsonburg Telephone Co. Ltd., and the Aylmer and Malahide Telephone Co. Ltd.	A-8133
Northern Telephone Co. Ltd. (Sec. 109)	For authority to expend a portion of the moneys carried to the credit of applicant's Depreciation Reserve upon new construction, extensions and additions to its system.	A-7326
O'Connell Rathburn Telephone Co. Ltd. (Sec. 101)	For an Order approving the sale by the Applicant of its undertaking to The Bell Telephone Co. of Canada.	A-7536
Ontario, Province of (Dept. Lands & Forests) (Sec. 96)	For the approval of an Agreement for interchange of Telephone Service with Monteagle and Herschel Municipal Telephone System.	A-7912
Ontario, Province of (Department of Lands & Forests, Forestry Branch) (Sec. 79)	For an Order approving of By-law No. 274 of the Township of Chisholm granting to the Forestry Branch of the Department of Lands and Forests of Ontario authority to erect poles and wires on certain highways in the said Township.	A-7927
Percy, Township of, operating the Percy Municipal Telephone System (Sec. 31)	For the approval of the purchase by the applicant the Township of Percy from The Bell Telephone Co. of Canada of certain plant and equipment.	A-7874
Princeton and Drumbo Telephone Co. Ltd. (Sec. 109)	For approval of the investment of $1,500.00 of the moneys carried to the credit of its Depreciation Fund in interest bearing securities.	A-7314
Riverside Telephone Co. Ltd. (Sec. 101)	For an Order approving of the sale by the Applicant of its undertaking to The Bell Telephone Co. of Canada.	A-8000
Schomberg Telephone Co. Ltd. (Sec. 79)	For an Order approving of By-law No. 680 of the Township of King granting to the applicant the right to erect its poles and wires on the highways in the said Township.	A-7751

Schomberg Telephone Co. Ltd. (Sec. 79)	For an Order approving of By-law No. 764 of the Township of Tecumseh granting to the applicant the right to erect its poles and wires on the highways in the said Township.	A-7823
Sioux Lookout Telephone Co. Ltd. (Sec. 87)	For the approval of By-law No. 30.	A-7755
Smith, Wilfred Thomas (Sec. 101)	For approval of the transfer to the applicant, Wilfred Thomas Smith of 476 shares of the Capital Stock of The Robt. Henry Edgar Telephone Co. Ltd., by Phyllis Maltby, Administratrix of the Estate of the late Robt. Henry Edgar and one share each of the said Capital Stock by John Burke, Fredrick C. Cornelius and Geo. Bland.	A-8023
South Bruce Rural Telephone Co. Ltd. (Sec. 87)	For approval of By-law No. 40.	A-7272
Southern Ontario Telephone Co. Ltd. (Sec. 101)	For the approval of an Agreement between Chelsea Louch, as Liquidator of The Houghton and South Walsingham Telephone Co. Ltd. and The Southern Ontario Telephone Co. Ltd. providing for the transfer of the property of the said first named Company to the said last-named Company.	A-7465
South Walsingham Telephone Co. Ltd. (Sec. 101)	For the approval of an agreement between James A. Wooley as Liquidator of "The South Walsingham Telephone Co. Ltd.," and The Southern Ontario Telephone Co. Ltd. providing for the transfer of the property of the said first named Company to the said last named Company.	A-7463
Southern Ontario Telephone Co. Ltd. (Sec. 101)	For the approval of an Agreement between George Nelson Anger as Liquidator of The Walsingham Centre and Port Rowan Telephone Co. Ltd. and The Southern Ontario Telephone Co. Ltd. providing for the transfer of the property of the said first named Company to the said last named Company.	A-7464
Southern Ontario Telephone Co. Ltd. (Sec. 101)	For the approval of an agreement between Elmer McConnell, Joseph C. Ball and William H. Haviland operating under the name of The Windham Telephone Company and The Southern Ontario Telephone Co. Ltd., providing for the transfer of the property of the said Elmer McConnell, Joseph C. Ball and Wm. H. Haviland to the said The Southern Ontario Telephone Co. Ltd.	A-7547
Southern Ontario Telephone Co. Ltd. (Sec. 101)	For the approval of an agreement between James A. Woolley as Liquidator of The South Walsingham Telephone Co. Ltd. and The Southern Ontario Telephone Co. Ltd. providing for the transfer of the property of the said first named Company to the said last named Company.	A-7463
Tuckersmith Municipal Telephone System (Sec. 109)	For approval of the investment of $1,500.00 of the monies set aside as a reserve for Depreciation, in the purchase of securities.	A-7369
Tuckersmith, Township of (Sec. 31)	Purchase by the Applicant from The Bell Telephone Company of Canada, of certain plant and equipment.	P.F. A-7382

Vesta Telephone Co. Ltd. (Secs. 102 & 103)	For the approval of tolls.	A-8072
Walsingham Centre & Pt. Rowan Telephone Co. Ltd. (Sec. 101)	For the approval of an Agreement between George Nelson Anger as Liquidator of The Walsingham Centre and Port Rowan Telephone Co. Ltd. and The Southern Ontario Telephone Co. Ltd. providing for the transfer of the property of the said first named Company to the said last named Company.	A-7464
Waterloo Municipal Telephone System (Secs. 102 & 103)	For authority to increase the charge to subscribers for Maintenance from $10.00 to $12.00 per annum.	A-7485
Welland County Telephone Co. Ltd. (Sec. 109)	For authority to expend a portion of the moneys carried to the credit of the Applicant's depreciation reserve upon new construction, extensions and additions to its system.	A-7753
Windham Telephone Co. (Sec. 101)	For the approval of an agreement between Elmer McConnell, Joseph C. Ball and William H. Haviland operating under the name of The Windham Telephone Co. and The Southern Ontario Telephone Co. Ltd. providing for the transfer of the property of the said Elmer McConnell, Joseph C. Ball and William H. Haviland to the said The Southern Ontario Telephone Co. Ltd.	A-7547
Woodbridge and Vaughan Telephone Co. Ltd. (Sec. 109)	For authority to expend a portion of the moneys carried to the credit of applicant's depreciation reserve upon new construction, extensions and additions to its system.	A-7754
Woodbridge and Vaughan Telephone Co. Ltd. (Sec. 87)	For the approval of its By-law No. 8.	A-7980

LIST OF BELL TELEPHONE AGREEMENTS APPROVED BY THE BOARD UNDER SEC. 96 OF "THE TELEPHONE ACT," (R.S.O. 1937, CHAPTER 261)

TRAFFIC AGREEMENTS

	Procedure File
Addington Telephone Co. Ltd.	A-7162-a
Addison Rural Independent Telephone Co. Ltd.	A-7325-a
Apsley Telephone Co. Ltd.	A-8056-a
Arden and Parham Telephone System	A-7805
Balderson Telephone Co. Ltd.	A-7313
Beardmore Telephone Co. Ltd.	A-8022-a
Beatty Telephone System	A-7510
Belmont Telephone Co-operative Association	A-7563
Bruce Municipal Telephone System	A-7486
Burnt River Telephone Co. Ltd.	A-7673-a
Byron Telephone Company, Limited	A-7368-a
Canadian Industries Limited	A-7446
Coldwater Municipal Telephone System	A-7425-b
Cambray Telephone Co., Ltd.	A-7969
Camp Borden Telephone System	A-7376
Clarence Telephone Co., Ltd.	A-7404
Cold Springs Rural Telephone Co., Ltd.	A-7475
Douro Municipal Telephone System	A-7673-b
Drummond Telephone Co., Ltd.	A-7311
Elmsley South Rural Telephone Co., Ltd.	A-7560-a
Elmwood Telephone System (Mervyn, Mark)	A-7290
Ennismore Municipal Telephone System	A-7673-c
Enterprise Telephone System, Ltd.	A-7612-b
Ernestown Rural Telephone Co. Ltd.	A-8157
Falconbridge Nickel Mines, Ltd.	A-7325-b
Fort William, City of	A-7282
Fingal Telephone Co. Ltd.	A-7325-c
Gillies Telephone System (Taylor, Wesley Hamilton)	A-8173
Glengarry Telephone Co. Ltd.	A-7425-a
Harvey Municipal Telephone System	A-7673-d
Home Telephone Co. Ltd.	A-7673-e
Ivy Thornton Telephone Co. Ltd.	A-7357
Kaladar & Northern Telephone System	A-8156
Kerr Line Telephone Co. Ltd.	A-8022-b
Leeds & Grenville Independent Telephone Co. Ltd.	A-8102
Maberly Telephone Co., Ltd.	A-7291
Mallorytown Telephone Co. Ltd.	A-7560-c
Manilla Union Telephone Co. Ltd.	A-7449-a
McCreary Telephone Co. Ltd.	A-7876
McKellar Municipal Telephone System	A-7711
Mono Mills Telephone Co. Ltd.	A-7535
Mount Albert Telephone Co. Ltd.	A-8030
Muskoka and Parry Sound Telephone Co. Ltd.	A-7592-c
Nissouri Telephone Co. Ltd.	A-7325-d
Noisy River Telephone Co., Ltd.	A-8042-b
Norfolk & Tillsonburg Telephone Co. Ltd.	A-7494
North Renfrew Telephone Co. Ltd.	A-8081

Oakwood Telephone Co., Ltd.	A-8056-b
Ontario, Province of (Provincial Secretary's Department)	A-7234
Ontario, Province of (Department of Lands and Forests)	A-7260
Ontario, Province of (Department of Lands and Forests)	A-7948
Ontario, Province of (Department of Lands and Forests)	A-8042-a
Oro Telephone Co., Ltd.	A-7592-b
Otonabee Municipal Telephone System	A-7934-b
Pefferlaw Telephone System, Limited	A-7449-b
Percy Municipal Telephone System	A-7934-a
Perth and Christie's Lake Telephone Co. Ltd.	A-7312
Plum Hollow & Eloida Independent Telephone Co. Ltd.	A-7325-e
Princeton and Drumbo Telephone Co. Ltd.	A-7368-b
Redden Telephone Co. Ltd.	A-7798
Rochester, Municipal Telephone System	A-7242
Rural Telephone Co. of Kitley Ltd.	A-7552
Sandwich South Municipal Telephone System	A-7628
Sebright Telephone Co. Ltd.	A-7592-a
Sioux Lookout Telephone Co. Ltd.	A-7845
South Monaghan Municipal Telephone System	A-7673-f
South Plantaganet Rural Telephone Co. Ltd.	A-7983
Sunderland Telephone Co. Ltd.	A-7855
Verona and Frontenac Telephone Co. Ltd.	A-7863
Waterloo Municipal Telephone System	A-7363
Wolford Rural Telephone Co., Ltd.	A-7560-b
Yarker Telephone Co.	A-7612-c

SERVICE STATION AGREEMENTS

Elliott Private Telephone Line	A-7629-a
Farmer Private Telephone Line	A-7629-b
Greenwood Telephone Association Limited	A-7629-c
International Nickel Company of Canada Ltd.	A-7768
Korah Base Line Telephone Co. Ltd.	A-7629-d
Korah Central Telephone Co., Ltd.	A-7629-e
Melrose Telephone Co., Ltd.	A-7629-f
Mount Granite Telephone Co., Ltd.	A-7629-g
Perth & Christie's Lake Telephone Co. Ltd.	A-7762
Superior Telephone Club	A-7644
Widdifield Municipal Telephone System	A-7620

THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1938

CORNWALL STREET RAILWAY LIGHT AND POWER COMPANY, LIMITED

During the year 1938, this company reports no extensions to its tracks.

An expenditure of $16,074.41 is reported on track improvements, rolling stock, buildings, etc. during the same period.

FORT WILLIAM ELECTRIC RAILWAY

During the year ending December 31st, 1938, this company reports no extensions to its tracks.

They also report no expenditure upon track improvements, rolling stock, buildings, etc. during the same period.

GUELPH RADIAL COMPANY

It is reported by the Hydro Electric Power Commission of Ontario that during the year ending December 31st, 1938, there were no extensions made to the track of the above railway.

They report however, an expenditure of $3,665.99 for track improvements etc. during the same period.

HAMILTON STREET RAILWAY

This company report no extensions to track during the year 1938.

An expenditure of $495,472.56 is reported on track improvements, overhead structure, rolling stock, buildings, machinery &c. during the same period.

HUNTSVILLE AND LAKE OF BAYS RAILWAY COMPANY

During the year 1938, this company reports no extensions to its track.

They also report no expenditure on improvements &c. of track, equipment, land and buildings.

INTERNATIONAL TRANSIT COMPANY

This company report no extensions to track during the year 1938.

They report however, an expenditure of $4,609.35 on Ferry Wharves, and docks and Ferry transportation equipment during the same period.

KITCHENER-WATERLOO AND KITCHENER-BRIDGEPORT RAILWAYS

This Company made no extensions to track during the year 1938.

They also report no expenditure on improvements &c. to track, equipment, land and buildings.

LONDON STREET RAILWAY

No extensions to track were made by this company during the year 1938.

They report however an expenditure on buses during the same period of $48,666.66.

MATTAGAMI RAILWAY

This company reports no extensions to track or expenditure on equipment, etc. during the year 1938.

MOUNT McKAY AND KAKABEKA FALLS RAILWAY COMPANY

This company reports no extensions to track or expenditure on equipment, etc. during the year 1938.

NIAGARA PENINSULA RAILWAY

This company reports no extensions to track or expenditure on equipment, etc. during the year 1938.

PORT ARTHUR CIVIC RAILWAY

This company reports no extensions to track or expenditure on equipment, etc. during the year 1938.

SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY

This Company reports a decrease in track mileage of 59.153 miles during the year 1938.

They report however, an expenditure of $243,213.96 on the purchase of forty buses and one truck and an expenditure of $70,828.24 on road and equipment.

SUDBURY-COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

This Company reports no extensions of track during the year 1938 and also no expenditure upon additions to railway, equipment, land and buildings or other permanent property.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

No extensions of track have been reported during the year 1938.

THURLOW RAILWAY COMPANY

The Canada Cement Company, Montreal, report that during the year 1938 no extensions were made to the track of the above railway and no expenditures made on improvements, &c.

TILLSON SPUR LINE RAILWAY

This Company reports no extensions of track of expenditure upon improvements, &c. during the year 1938.

TORONTO TRANSPORTATION COMMISSION

The Commission report that during the year 1938 they made no track extensions.

It is also reported that during the same period they expended $4,176,451.79 upon additions to railway, equipment, land and buildings and other permanent property.

TOWNSHIP OF YORK AND WESTON RAILWAYS

The Toronto Transportation Commission which operated the above railway report no extensions to track during the year 1938, also no expenditures upon additions to railway, equipment, land and buildings and other permanent property.

NORTH YONGE RAILWAYS

The Toronto Transportation Commission operating the above railway report no extensions to track or expenditures upon railway, equipment, land and buildings and other permanent property during the year 1938.

TORONTO, 1938

Summary of all Accidents on lines of the Toronto Transportation Commission
From January 1st to December 31st, 1938

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	Nil	Nil	Nil	Nil	Nil	Nil	4	1	Nil	Nil	1	1	7
Collisions with Autos	570	307	303	270	235	171	187	166	275	273	300	626	3683
Collisions with Motorcycles and Bicycles	12	8	5	11	7	11	9	10	8	5	3	10	99
Collisions with Wagons	16	7	6	7	6	4	2	5	4	16	3	8	84
Boarding Cars	20	12	30	16	16	13	10	10	12	23	22	14	198
Alighting from Cars	78	39	24	29	28	10	14	20	14	7	28	46	337
Falling within Cars	66	27	28	24	24	12	24	22	25	25	39	43	359
Derailment of Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Miscellaneous	48	26	40	31	42	38	35	35	24	40	36	46	441
Total all Accidents	811	426	436	388	358	259	285	269	362	389	432	794	5208
Personal Injuries:													
To Passengers	119	52	64	40	63	32	61	40	50	51	73	82	727
To Others	24	17	14	24	11	10	15	18	13	21	14	26	207
Total	143	69	78	64	74	42	76	58	63	72	87	108	934
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	2	1	1	Nil	1	Nil	2	2	2	Nil	Nil	Nil	11
Total	2	1	1	Nil	1	Nil	2	2	2	Nil	Nil	Nil	11

HAMILTON, 1938

Summary by Months of all Accidents on the Hamilton Street Railway
From January 1st to December 31st, 1938

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Collisions with Autos	58	43	37	33	32	25	25	20	32	28	38	60	431
Collisions with Motorcycles and Bicycles	1	1	Nil	Nil	Nil	Nil	Nil	Nil	1	1	1	1	6
Collisions with Wagons	1	1	Nil	1	Nil	1	1	1	Nil	Nil	1	Nil	7
Boarding Cars	1	1	1	Nil	Nil	1	1	Nil	1	Nil	Nil	1	7
Alighting from Cars	1	1	Nil	Nil	Nil	1	1	Nil	2	Nil	Nil	1	7
Derailment of Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Miscellaneous	1	Nil	1	1	1	1	Nil	1	3	1	1	1	12
Total	63	47	39	35	33	29	28	22	39	30	41	64	470
Personal Injuries:													
To Passengers	2	1	Nil	Nil	Nil	Nil	1	Nil	3	1	1	2	11
To Others	2	Nil	Nil	Nil	1	Nil	1	Nil	2	1	1	3	11
Total	4	1	Nil	Nil	1	Nil	2	Nil	5	2	2	5	22
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

LONDON, 1938

Summary by Months of all Accidents on the London Street Railway
From January 1st to December 31st, 1938

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Collisions with Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Collisions with Autos	40	23	Nil	12	25	10	20	11	18	14	25	56	254
Collisions with Motorcycles and Bicycles	1	Nil	Nil	2	1	1	Nil	1	1	Nil	1	1	9
Collisions with Wagons	1	1	Nil	1	1	Nil	1	1	Nil	Nil	1	1	8
Boarding Cars	1	1	Nil	Nil	Nil	1	1	2	1	1	1	3	12
Alighting from Cars	2	1	Nil	Nil	Nil	1	1	1	2	1	Nil	2	11
Derailment of Cars	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Miscellaneous	5	1	Nil	2	1	1	7	4	9	1	1	4	36
Total	50	27	Nil	17	28	14	30	20	31	17	29	67	330
Personal Injuries:													
To Passengers	7	1	Nil	1	1	2	3	3	3	Nil	1	5	27
To Others	2	Nil	Nil	3	1	5	7	5	8	Nil	2	3	36
Total	9	1	Nil	4	2	7	10	8	11	Nil	3	8	63
Fatal Accidents:													
To Passengers	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To Others	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

TABULATED SUMMARY OF ACCIDENT REPORTS IN 1938

Passengers		Employees		Travellers on Highways		Total	
Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
nil	923	nil	36	16	201	16	1160

INDEX TO RAILWAY LEGISLATION

The following Index has been made with the object of continuing in chronological order all the legislation passed by the Dominion and Provincial Governments since 1867, affecting railways situated wholly or partially within the Province of Ontario.

"List No. 2" was commenced on page 272 of our Ninth Annual Report (1914) and is continued on page 160 of our Twenty-seventh Annual Report (1932), page 146 of our Twenty-eighth Annual Report (1933), page 152 of the Twenty-ninth Annual Report (1934), page 51 of our Thirtieth Annual Report, page 56 of our Thirty-first Annual Report, and page 62 of our Thirty-second Annual Report and in the following list up to and inclusive of 1938:

RAILWAYS—Right to enter lands lying along route or line of railway for erection and maintenance of snow-fences.		
(Amendment to "The Railway Act" Dominion Statute	Chapter 40	1938
Establishment of Board of Transport Commissioners for Canada with authority in respect of transport by railways, ships and aircraft. Dominion Statute	Chapter 53	1938

FORMS THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town

.... 19

NAME OF RAILWAY

This is to certify that, acting under "The Railway Act, 1927," R.S.O., Chapter 224, Section 265, I have fully examined the .... who is .... years of age and .... feet .... inches high, weighs ....lbs., complexion ...., as to his fitness as a motorman, that the said .... is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work, qualified to act as motorman on any electric car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated ....

Name..

Examiner

FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

ACCIDENTS: Regulations under and in pursuance of Sections 275 and 276 of "The Railway Act, 1927," R.S.O., Chapter 224.

ACCIDENTS—Every company upon the happening of an accident shall give to the Ontario Railway and Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto or by mailing it, postage prepaid, in a registered letter and addressed to the Board.

Such notice shall contain a statement signed by duly authorized officer of such company setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given for each such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid are as follows:

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6 Name in full, address and legal addition of each person injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other.
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident and how long on duty.
13. Cause of accident, how same occurred, with full particulars and details, and diagram, if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye witnesses of, the accident.
18. What investigation (if any), and result of same.
19. Verdict (if any).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as to the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of Section 275 and 276 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

REGULATIONS

REGULATIONS AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D., 1909, the Ontario Railway and Municipal Board made the following regulations:

The steps on all cars hereafter constructed and used by The Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps conforming to the following regulations.

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

REGULATION RE DRINKING WATER ON PASSENGER CARS

Every Electric Railway in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with paper cups attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities.

Dated at Toronto, this 10th day of April, A.D. 1928.

ELECTRIC AND STEAM RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING DECEMBER 31st, 1938

No.	Name of Railway	Length of road first main track	Length of road second main track	Total main track	Length of sidings and turnouts	Total computed as single track	Length under construction	No. of Power Houses		Remarks
								Steam	Water	
1	Cornwall Street Railway Light & Power Co. Ltd.	5.50	....	5.50	3.00	8.50	....	....	....	Power purchased from St. Lawrence Power Co. Ltd. and supplied to Town of Cornwall.
2	Fort William Electric Railway	20.496	....	....	....	20.496	....	....	....	Power purchased from Hydro Electric Commission of Fort William and supplied to Canadian National Rys.
3	Guelph Radial Railway	4.912	....	....	2.094	7.006	....	....	....	Power purchased from Guelph Board of Light and Heat Commission.
4	Hamilton Street Railway Co.	40.17	....	....	2.63	42.80	....	....	....	Power purchased from Hamilton Hydro Electric Commission.
5	Huntsville & Lake of Bays Ry.	1.45	....	1.75	.31	1.75	....	....	....	Steam Railway.
6	International Transit Co.	3.80	1.17	4.97	.09	5.06	....	....	....	Power purchased from Great Lakes Power Co. Ltd.
7	Kitchener-Waterloo & Kitchener & Bridgeport Railways	6.55	2.86	9.41	.94	10.35	....	....	....	Power purchased from Public Utilities Commission of Kitchener.
8	London Street Railway Co.	6.416	3.037	9.454	.50	9.959	....	....	....	Power purchased from Hydro Electric Power Commission of Ontario.
9	Mattagami Railway	3.000	....	3.000	3.947	6.947	....	....	....	Steam Railway.
10	Mount McKay & Kakabeka Falls Ry. Co.	5.00	....	5.00	1.50	6.50	....	....	....	Leased to and operated by City of Fort William.
11	Niagara Peninsular Railway	3.325	....	3.325	2.115	5.440	....	....	....	Operated by Canada Cement Co. Ltd.
12	Port Arthur Civic Railway	13.43	6.10	19.53	1.04	20.57	....	....	....	Power purchased from Port Arthur Utilities Commission.
13	Sandwich-Windsor & Amherstburg Railway Co.	8.415	7.717	16.132	1.256	17.388	....	....	....	Power purchased from Hydro Electric Power Commission of Ontario.
14	Sudbury-Copper Cliff Suburban Electric Railway	7.9	....	7.9	.30	8.2	....	....	....	Power purchased from Hydro Electric Power Commission of Ontario.

15	Temiskaming & Northern Ontario Railway	514.69	....	514.69	140.40	655.09	....	1	1 (Oil)	1 Steam Power House at North Bay and 1 Oil at Moosonee. Power purchased from Public Utilities Commission of Town of Cochrane, Hydro Electric Power Commission of Ontario. Northern Ontario Power Co. Ltd., and Abitibi Power & Paper Company.
16	Thurlow Railway Co.	2.671	....	2.671	4.666	7.337	....	....	....	Operated by Canada Cement Co. Ltd.
17	Tillson Spur Line Railway Co.	1.010	....	1.010	.051	1.061	....	....	....	All rolling stock owned and operated by Canadian National Railway.
18	Toronto Transportation Commission	111.707	103.036	214.743	29.969	244.712	....	....	....	Power purchased from Toronto Hydro Electric System and sold to Townships of York and Weston Ry.
19	" North Yonge Railways	10.247	....	10.247	1.301	11.548	....	....	....	Power purchased from North York Hydro Electric System.
20	" Townships of York and Weston Railways	8.063	6.002	14.065	.148	14.213	....	....	....	Power purchased from Toronto Transportation Commission.

ANALYSIS OF GROSS EARNINGS AND MISCELLANEOUS INCOME, YEAR ENDING DECEMBER 31st, 1938

Name of Railway	From Passengers	From Mail	From Express Parcels and Newspapers	From Freight	From Rental of track buildings, and other property	From Advertising	From other miscellaneous sources	Total
Cornwall Street Railway	$ 60,180.95			$ 67,541.04	$ 750.00	$ 717.96	$ 967.59	$ 130,157.54
Fort William Electric Railway	129,036.28	850.00			826.96	14.00	648.09	131,375.33
Hamilton Street Railway	1,043,040.25			4,935.50	406.00	5,331.92	751.00	1,054,464.67
Huntsville & Lake of Bays Railway	1,039.35	35.00	893.03					1,167.38
Hydro Electric Rys. (Guelph Div.)	54,256.53			9,016.06	266.64	1,390.59		64,929.82
International Transit	42,816.11	400.00					605.18	43,821.29
Kitchener & Waterloo Street Ry	93,178.43	4,559.83	22.20		1,105.00	1,074.63	2,407.18	103,347.27
London Street Railway	486,687.64	3,180.00				2,739.08	2,308.63	494,915.35
Mattagami Railroad	780.70	1,200.00	684.41	23,119.91			10,575.00	36,360.02
Mount McKay & Kakabeka Falls Ry.	Line operated City of Fort William under lease.				1,500.00		1,220.47	2,720.47
Niagara Peninsular Railway				10,947.50				10,947.50
Port Arthur Civic Railway	139,463.63					798.87		140,262.50
Sandwich Windsor & Amherstburg Ry.	401,338.98	621.62	311.90	382.46	1,142.53	2,480.91	1.00	406,279.40
Sudbury-Copper Cliff Suburban Ry	77,587.17		49.65		235.00	300.00	118.14	78,289.96
Tillson Spur Line Ry.	All rolling stock owned and operated by Canadian National Railway.							
Thurlow Railway				12,682.50				12,682.50
Toronto Transportation Commission	10,500,830.83		22,396.01		76,878.00	70,446.00	181,315.50	10,851,866.34
" " " Twp. York Ry.	209,683.07					803.16	2,275.32	212,761.55
" " " North Yonge Ry.	69,839.26				1,389.90	312.66	348.18	71,890.00

TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS, ETC., FOR YEAR ENDING DECEMBER 31st, 1938

Name of Railway	Length of track owned miles	Length of switches & sidings miles	Passenger car miles run	Passengers carried	Passenger carried per mile of main track operated	Accidents		No. of Men Employed		Equipment													
						Killed	Injured			Enclosed Cars	Open Cars	Trailers	Baggage and Mail	Cattle & Box	Platform	Coal & Dump	Tool	Snow Sweepers	Snow Plows	Loading Cranes	Locomotives	Refrigerators	Busses
Cornwall Street Railway	5.50	3.00	402,280	1,403,561	255,192	....	....	50	1	18	..	....	...	..	..	..	..	3	1	....	3	..	..
Fort William Electric Railway	20.496	....	673,025	2,118,247	92,113	....	4	....	..	15	..	1	...	..	..	....	..	1	2	....	..	..	..
Hamilton Street Railway	40.17	2.63	4,023,850	15,734,055	....	....	98	....		72	..	...	....	..	..	....	..	....	1	....	..	..	..
Huntsville & Lake of Bays Railway	1.438	.312	6,929	6,929	....	....	1	3	....	....	..	3	2	..	3	....	..	....	...	....	..	..	..
Hydro Electric Rys. (Guelph Div.)	4.912	2.094	....	993,123	....	....	6	....	....	....	..	....	...	..	..	....	..	...	..	...	1	..	..
International Transit	4.97	.09	213,750	865,928	227,876	....	2	18	....	8	..	...	...	..	..	....	.	1	....	....	..	..	..
Kitchener & Waterloo St. Railway	9.41	.94	313,126	2,315,020	246,018	....	4	....	....	....	..	...	...	..	..	...	..	.	....	....	..	..	..
London Street Railway	9.454	.504	2,477,691	8,890,368	....	....	72	194	...	20	..		..	..	..	....	..	2	..	....	..	..	.
Mattagami Railroad	3.000	3.947	24,936	5,205	1,402	....	....	....	....	1	..		1	..	1	.	..	...	1	1	2	..	.
Mt. McKay & Kakabeka Falls Ry.	5.000	1.500	Line opera	ted by City	of Fort Wil	liam	under	leas	.	....	..	....	...	..	..	..	..	...	...	....	.	..	..
Niagara Peninsular Railway	3.325	2.115	....	....	....	....	....	4	....	....	..	....	...	..	..	..	..	...	....	...	2	..	..
Port Arthur Civic Railway	19.53	1.04	605,494	2,229,989	114,183	2	2	50	....	...	..	...	...	..	.	..	..	...	...	....	..	.	..
Sandwich Windsor & Amherstburg Ry	16.132	1.256	2,489,648	8,398,946	....	..	80	194	....	25		....	.	..	..	....	1	.	1	..	.	.	10
Sudbury-Copper Cliff Suburban Ry.	7.900	.160	98,000	1,066,530	98,000	....	....	21	...	8	25	...	.	.	..	...	..		1	..	.	..	
Tillson Spur Line Railway	1.010	.051	All rolling	stock owned	and operate	d by	Cana	dian	Nati	onal	Rail	way											
Thurlow Railway	2.671	4.666	....	....	....	....	....	6	...	..		.	..	2	..	37	..	.	–	.	3	.	.
Toronto Transportation Commission	214.743	29.969	27,633,408	155,322,324	....	13	267	3227	791	..		135	...	..	..	...	16	28	11	2	.	.	222
" " " Twp. York Ry.	14.065	.148	596,071	4,287,510	....	1	13	Line	opera	ated	with	rol	ling	stoc	k o	wne	d L	y To	r. Tr	. Co	m.		
" " " North Yonge Rys.	10.247	1.301	254,422	861,951	....	1	2	Line	oper	ated	with	rol	ling	stoc	k o	wne	d b	y To	r. Tr	. Co	m.		

TABULATION OF COMPARISON WITH PREVIOUS YEARS AS TO CAR MILES RUN, PASSENGERS CARRIED, ETC.

For Year Ending December 31st, 1938

Name of Railway	Length of Track		Car Miles Run		Passengers Carried		Accidents				Net Earnings	
							Killed		Injured			
	In-crease	De-crease	In-crease	De-crease	Increase	Decrease	In-crease	De-crease	In-crease	De-crease	Increase	Decrease
Cornwall Street Railway				11,855		171,102				2		12,126.09
Fort William Electric Railway			8,325		17,616				3		(a) 5,873.76	
Hamilton Street Railway				86,588		1,216,394		1	3			9,376.54
Huntsville & Lake of Bays Railway					470				1			351.40
Hydro Electric Rys. (Guelph Div.)					57,399				1		5,359.67	
International Transit				546		80,143			2			15,172.63
Kitchener-Waterloo Street Railway			2,131			50,882			2			1,120.54
London Street Railway				7,439		61,541		2	9		(a) 1,766.66	
Mattagami Railroad				9,100		1,564						19,133.23
Mount McKay & Kakabeka Falls Ry.			Line operated by City of Fort William under lease.								(a) 1,284.32	
Niagara Peninsular Railway												1,317.56
Port Arthur Civic Railway				4,083		87,433	2		2			2,880.64
Sandwich Windsor & Amherstburg Ry.		59,153		214		726,810				12		b)19,809.67
Sudbury-Copper Cliff Suburban Ry.					2,555							660.24
Tillson Spur Line Railway			All rolling stock owned and operated by Canadian National Railway.									5,558.59
Thurlow Railway												
Toronto Transportation Commission			295,954		470,609		5			39		1,356.52
" " " Twp. York Ry.			2,185		11,494					9		(b) 78.24
" " " North Yonge Ry.				347	23,830			1			277.07	

(b)—Increase in deficit.

(a)—Decrease in deficit.

TABULATION OF OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1938

Name of Railway	General Expenses	Maintenance of Roadbed and Buildings	Maintenance Equipment	Motive Power	Wages	Damages to Persons and Property	Miscellaneous	Total
Cornwall Street Railway	$ 14,147.70	$ 7,670.61	$ 16,060.57	$ 10,606.42	$ 31,326.01	$ 154.48	$ 895.84	(b) $ 80,861.63
Fort William Electric Railway	11,637.49	18,440.12	18,005.35	23,783.37	52,238.37	81.40	8,340.70	132,567.63
Hamilton Street Railway	56,390.57	57,828.12	110,757.53	114,318.48	227,129.60	28,151.64	151,302.25	745,868.19
Huntsville & Lake of Bays Railway	141.28	189.59	418.45	339.87	262.70	......	27.56	1,379.45
Hydro Electric Rys. (Guelph Div.)	14,523.19	1,904.73	5,556.30	4,264.96	20,445.92	......	17,362.61	64,058.71
International Transit	7,079.48	2,355.55	5,003.86	7,620.00	12,059.38	......	5,761.51	39,879.78
Kitchener-Waterloo Street Railway	12,046.69	5,382.63	5,064.51	8,963.75	43,214.90	54.71	3,163.31	77,890.50
London Street Railway	12,746.96	26,266.09	20,826.50	25,006.85	55,128.66	6,193.49	(a) 271,445.61	417,619.16
Mattagami Railroad	8,314.97	6,664.10	1,743.64	......	9,110.96	......	7,568.08	33,401.75
Mount McKay & Kakabeka Falls Ry.	210.16	Line operated by City of Fort William under lease				......	......	210.16
Niagara Peninsular Railway	91.09	1,415.72	1,790.17		2,946.26		2,127.03	8,370.27
Port Arthur Civic Railway	12,012.52	11,182.42	17,625.26	19,909.92	35,037.13		16,711.89	115,083.01
Sandwich Windsor & Amherstburg Ry.	65,082.38	37,440.80	59,843.55	60,211.19	121,982.31	219.30	33,471.63	378,251.16
Sudbury-Copper Cliff Suburban Ry.	8,655.83	6,784.24	11,679.41	10,883.96	17,393.01		6,817.57	62,214.02
Tillson Spur Line Railway	All rolling stock owned and operated by Canadian National Railway.							
Thurlow Railway	91.10	4,316.72	1,996.45	1,770.10	2,805.90		613.82	11,594.09
Toronto Transportation Commission	500,317.17	343,280.07	610,054.49	899,527.76	2,653,422.42	115,116.21	1,324,044.64	6,445,762.76
" " " Twp. York Rys.	13,045.82	9,511.76	14,728.38	22,219.07	......		92,921.14	152,426.17
" " " North Yonge Ry.	7,179.91	7,320.92	6,470.07	17,129.19	......		32,022.55	70,122.67

(a)—Includes $266,735.20—operating expenses for busses.

(b)—Includes $267.35—expenses of St. Lawrence Park.

TABULATION OF CHARGES OTHER THAN OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1938

Name of Railway	Interest on Funded Debt	Interest or Discount on Unfounded Debt	Taxes	Transfer to Special Accounts	All Charges other than Operating Costs	Total Expenditure including Operating Costs	Total Expenditure excluding Operating Costs	Total Revenue from all Sources	Net Deficit from Year's Operations	Net Surplus from Year's Operations
Cornwall Street Railway	$ 9,100.00		$ 2,614.65	$ 22,792.72	$ 46,507.37	(a) $98,576.18	(a) $17,714.65	$ 130,157.54		$ 8,788.54
Fort William Electric Railway	11,330.00		209.55	17,887.38	59,426.93	(a) 174,107.18	(a) 41,539 55	131,375 33	60,619.23	
Hamilton Street Railway			67,973.87	103,331.49	67,973.87	(a) 813,812.06	(a) 67,973.87	1,051,461.67		14,321.68
Huntsville & Lake of Bays Railway			100.23		100.23	1,479.68	100.23	1,967.38		487.70
Hydro Electric Railway (Guelph Div.)	(e) 26,700.00	Cr. 1,106.57	246.61	7,959.00	33,799.02	a-c-e) 89,898.73	a-c-e) 25,840.02	64,929.82	32,927.91	
International Transit			8,284.03	10,025.00	18,309.03	(a) 48,163.81	(a) 8,284.03	83,916.43	(d) 19,272.38	
Kitchener-Waterloo Street Railway		4,827.70	403.53	15,582.06	20,813.29	(a) 83,121.73	(a) 5,231.23	102,347.27		3,643.48
London Street Railway	19,839.60		7,886.65	67,270.00	94,996.25	(a) 145,345.41	(a) 27.726.25	194,915.35	17,700.06	
Mattagami Railroad			66.85	5.000.00	66.85	(a) 33.468.60	(a) 66.85	36,360.02	2,108.58	
Mount McKay & Kakabeka Falls Ry.			358.61	20,966.50	21,325.11	(a) 368.77	(a) 358.61	3,149.52	18,385.75	
Niagara Peninsular Railway			33.25		33.25	8,403.52	33.25	10,947.50		2,543.98
Port Arthur Civic Railway	17,992.17	1,305.87	107.20	7,063.54	26.169.08	(a) 134,488.55	(a) 19,405.54	140,262.50	1,289.50	
Sandwich Windsor & Amherstburg Ry.	310,900.50		2,400.00	61,206.71	382,131.12	(a) & (c) 830,740.78	(a) & (c) 323,177.01	(b) 580,872.19	(b) 332,663.02	
Sudbury-Copper Cliff Suburban Ry.	5,134.95	151.56	1,078.30		6,364.81	68,578.83	6.364.81	72,289.96		9.711.40
Tillson Spur Line Railway	All rolling stock owned and operated by Canadian National Railway.									
Thurlow Railway			26.71		26.71	11,620.80	26.71	12,682.50		1.061.70
Toronto Transportation Commission	1,342,992.50		252,698.67	2,930,704.16	1,566,776.84	(a) 8,081,835.44	(a) 1,636,072.68	11,047,066.19		34,526.89
" " " Twp. York Ry.	27,039.77	12,981 12		108,746.06	148,766.95	(a) 192,417.06	(a) 40,020.89	212,764.55	88,431.57	
" " " North Yonge Ry.			91.40		91.40	70,214.07	91.40	71,890.00		1,675.93

(a)—Does not include transfers to special accounts.

(b)—Includes revenue from operation of busses.

(c)—Includes expense of operation of busses.

(d)—Includes dividends paid.

(e)—Includes $10,510.77 principal.

TABULATION OF ASSETS AND LIABILITIES AS OF DECEMBER 31st, 1938

Name of Railway	Authorized Capital Stock	ASSETS			LIABILITIES				
		Cost of Railway Equipment, Land and Buildings	Cash and other Assets	Deficit	Capital Stock outstanding	Funded Debt and Real Estate	Current Liabilities	Accrued Liabilities Sinking and other Special Funds	Surplus
Cornwall Street Railway	$ 200,000.00	$ 521,256.01	$ 36,229.01		$ 200,000.00	$ 130,000.00	$ 3,666.16	$ 135,637.37	$ 88,181.49
Fort William Electric Railway		812,000.00	714,239.69	21,691.08		812,000.00		735,930.77	
Hamilton Street Railway	3,205,000.00	1,203,100.10	359,760.86		3,205,000.00		102,712.08	1,190,904.71	64,244.17
Huntsville & Lake of Bays Railway	50,000.00	31,331.20	12,076.13		27,890.00		2,021.18	13,098.75	487.70
Hydro-Electric Railway (Guelph Division)		456,919.67	114,369.40	4,512.05		329,332.75	16,826.61	238,671.73	
International Transit	150,000.00	632,309.74	10,885.35		150,000.00		5,883.79	328,013.88	159,297.42
Kitchener-Waterloo Street Railway		514,006.98	33,576.40	9,644.00		80,752.13	1,937.54	474,537.41	
London Street Railway	637,480.00	1,100,113.18	76,531.91	200,844.19	637,480.00	390,000.00	41,703.40	308,272.91	
Mattagami Railway	250,000.00	242,523.30	179,814.67		250,000.00		2,641.04	10,000.00	159,696.93
Mount McKay & Kakabeka Falls Railway	500,000.00	91,576.12	6,733.35	311,256.29	386,300.00			26,265.77	
Niagara Peninsular Railway	200,000.00	55,559.88	117,985.76		50,000.00				123,536.64
Port Arthur Civic Railway		459,453.89	488,990.37	17,399.29		396,634.00	96,630.73	472,578.73	
Sandwich-Windsor & Amherstburg Railway		319,010.29	7,477,975.54	32,351.32		6,816,205.00	543,438.71	459,695.41	
Sudbury-Copper Cliff Surburban Railway	250,000.00	359,660.50	1,880.74	53,281.53	173,100.00	92,670.72	7,426.12	141,625.93	
Tillson Spur Line Railway	20,000.00	All rolling stock owned and operated by Canadian National Railway.							
Thurlow Railway	50,000.00	58,211.42		52,218.56	25,000.00		85,429.98		
Toronto Transportation Commission		55,234,800.47	5,687,415.59			22,689,561.80	505,459.45	37,049,419.58	677,775.14
" " " Twp. York Railway		1,393,256.10	768,789.58	88,431.57		996,533.64	649,893.55	604,049.06	
" " " North Yonge Railway		107,549.10	1,154.35				107,027.52		1,675.93

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RETURN FROM THE RECORDS OF THE BY-ELECTIONS TO THE LEGISLATIVE ASSEMBLY

IN THE ELECTORAL DISTRICTS OF

HAMILTON CENTRE; LAMBTON EAST; BRANTFORD; WATERLOO SOUTH; PARKDALE AND SIMCOE EAST

Held on the 2nd day of March; the 22nd day of March; the 20th day of July; the 28th day of September; the 5th day of October, 1938, and the 14th day of February, 1939.

SHOWING

(1) The number of Votes Polled for each Candidate in each Electoral District in which there was a contest;
(2) The majority whereby each successful Candidate was returned;
(3) The total number of Votes Polled;
(4) The number of Votes remaining Unpolled;
(5) The number of Names on the Polling Lists;
(6) The number of Ballot Papers sent out to each Polling Place;
(7) The Used Ballot Papers;
(8) The Unused Ballot Papers;
(9) The Rejected Ballot Papers;
(10) The Cancelled Ballot Papers;
(11) The Declined Ballot Papers; and
(12) The Ballot Papers taken from Polling Places;
(13) Total number of printed Ballots not distributed to D.R.O.'s.
(14) Total number of ballot papers printed.

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ONTARIO

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1939

THE HONOURABLE GORDON D. CONANT,
Attorney-General.

SIR:

I have the honour to present to you the Return of the By-Elections as held in the Electoral Districts of Hamilton Centre, Lambton East, Brantford, Waterloo South, Parkdale and Simcoe East in the years 1938 and 1939.

Respectfully submitted,

C. F. BULMER,
Clerk of the Crown in Chancery.

Parliament Buildings,
Toronto, February 16th, 1939.

To The Honourable

The Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Return of the By-Elections as held in the Electoral Districts of Hamilton Centre, Lambton East, Brantford, Waterloo South, Parkdale and Simcoe East in the years 1938 and 1939.

Respectfully submitted,

GORDON D. CONANT,
Attorney-General.

Department of the Attorney-General,
February 16th, 1939.

RETURN FROM THE RECORDS OF THE BY-ELECTIONS TO THE LEGISLATIVE ASSEMBLY IN THE ELECTORAL DISTRICTS OF:

HAMILTON CENTRE—Held on the 23rd day of February and the 2nd day of March, 1938.
LAMBTON EAST—Held on the 15th and 22nd days of March, 1938.
BRANTFORD—Held on the 13th and 20th days of July, 1938.
WATERLOO SOUTH—Held on the 28th day of September, 1938.
PARKDALE—Held on the 28th day of September and the 5th day of October, 1938.
SIMCOE EAST—Held on the 14th day of February, 1939.

Constituency	Seat Vacated by the	Date
Hamilton Centre	Resignation of Member	January 26th, 1938
Lambton East	Death of Member	February 3rd, 1938
Brantford	Death of Member	June 5th, 1938
Waterloo South	Acceptance of office of Minister of Labour	September 7th, 1938
Parkdale	Death of Member	July 2nd, 1938
Simcoe East	Resignation of Member	January 13th, 1939

RETURNING OFFICERS

Constituency	Name	Address
Hamilton Centre	W. Porter McClemont	Hamilton
Lambton East	D. W. Duncan	Petrolia
Brantford	Justin Read	Brantford
Waterloo South	William Elliott	Galt R.R. 7
Parkdale	John E. Madden	Toronto
Simcoe East	A. A. Ingram	Midland

STATEMENT OF VOTES POLLED: Number of Polling Booths and Number of Names on Voters' Lists

Constituency	No. of Polling Booths	No. of Votes Polled	No. of Names on Voters' Lists
Hamilton Centre	165	10,887	32,668
Lambton East	123	13,164	18,263
Brantford	83	13,778	21,175
Waterloo South	Acclamation	......	23,359
Parkdale	189	12,992	37,915
Simcoe East	Acclamation	......	18,479

SUMMARY OF VOTES POLLED: Showing the number of votes cast for each Candidate and the majority accorded to the one elected where there was a contest:

Constituency	Candidates	No. of Votes Polled	Remarks
Hamilton Centre.........	John Newlands...............	8,447	
	Phil Luck....................	1,986	
	Stewart Woods...............	454	
	Majority for Newlands.......	6,461	
Lambton East...........	Charles O. Fairbank...........	7,880	
	James A. Currie...............	5,284	
	Majority for Fairbank.......	2,596	
Brantford...............	Henry L. Hagey...............	6,242	
	Reginald Welsh...............	5,129	
	Walter J. Dowden.............	2,350	
	Paul Debragh.................	57	
	Majority for Hagey..........	1,113	
Waterloo South..........	Norman O. Hipel..............	.....	Acclamation
Parkdale................	Wm. J. Stewart...............	9,058	
	Russell Harvey...............	3,569	
	Robert Harding...............	272	
	George Thomson...............	93	
	Majority for Stewart.........	5,489	
Simcoe East.............	George A. Drew...............	.....	Acclamation

C. F. BULMER,
Clerk of the Crown in Chancery.

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF HAMILTON CENTRE AT THE ELECTION HELD ON THE 2nd DAY OF MARCH, 1938

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each			Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Phil Luck	John Newlands	Stewart Woods	Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Hamilton Centre	Advance	0	15	0	15	......	15	100	15	85	....	....	....	....
	No. 1	2	31	0	33	181	214	250	33	217	....	....	....	....
	" 2	7	41	0	48	185	233	250	48	202	....	....	....	....
	" 3	5	49	2	56	218	274	300	56	244	....	....	....	....
	" 4	18	57	4	79	185	264	250	80	170	1	....	....	....
	" 5	9	100	1	110	139	249	250	111	139	1	....	....	....
	" 6	9	51	1	61	142	203	200	61	139	....	....	....	....
	" 7	8	61	4	73	163	236	250	74	176	....	1	....	....
	" 8	2	49	3	54	185	239	250	54	196	....	....	....	....
	" 9	7	40	2	49	241	290	300	50	250	1	....	....	....
	" 10	7	64	3	74	178	252	250	74	176	....	....	....	....
	" 11 A-L	5	22	0	27	269	318	150	27	123	....	....	....	....
	" 11 M-Z	1	20	1	22			150	22	128	....	....	....	....
	" 12	9	75	2	86	212	298	300	87	213	1	....	....	....
	" 13	4	43	2	49	224	273	300	49	251	....	....	....	....
	" 14	8	44	4	56	197	253	250	56	194	....	....	....	....
	" 15	19	52	4	75	163	238	250	75	175	....	....	....	....
	" 16	19	77	1	97	135	232	250	98	152	1	....	....	....
	" 17	23	58	5	86	147	233	250	86	164	....	....	....	....
	" 18	8	38	0	46	92	138	150	47	103	1	....	....	....
	" 19	3	54	0	57	102	159	150	57	93	....	....	....	....
	" 20	3	65	1	69	187	256	250	70	180	1	....	....	....

W. Porter McClemont,
Returning Officer.

“	21 I-Z	4	43	1	48	197	312	150	48	102			
“	21 A-H	4	62	1	67			150	67	83			
“	22	4	55	1	60	154	214	200	60	140			
“	23	2	62	0	64	184	248	250	64	186			
“	24	5	69	3	77	148	225	250	77	173			
“	25	8	60	5	73	157	230	250	73	177			
“	26	9	90	3	102	130	232	250	102	148			
“	27	5	36	11	52	173	225	250	54	196	2		
“	28	18	82	2	102	97	199	200	102	98			
“	29	11	56	5	72	120	192	200	72	128			
“	30	12	32	2	46	216	262	250	47	203	1		
“	31	11	121	4	136	68	204	200	137	63		1	
“	32	4	32	0	36	98	134	150	36	114			
“	33	4	65	1	70	168	238	250	71	179		1	
“	34 A-K	6	37	5	48	241	327	200	50	150		2	
“	34 L-Z	7	30	1	38			150	38	112			
“	35	1	31	1	33	97	131	150	34	116	1		
“	36	6	20	0	26	132	158	150	27	123		1	
“	37 A-L	3	37	1	41	263	350	150	41	109			
“	37 M-Z	5	41	0	46			200	46	154			
“	38 A-K	6	19	0	25	246	306	150	25	125			
“	38 L-Z	5	30	0	35			150	35	115			
“	39	0	48	2	50	135	185	200	50	150			
“	40	5	46	2	53	202	255	250	53	197			
“	41	8	52	3	63	218	281	300	63	237			
“	42	7	47	2	56	118	174	200	56	144			
“	43	3	52	...	55	96	151	150	55	95			
“	44	5	77	7	89	154	243	250	92	158		3	
“	45 A-L	5	46	5	56	238	335	200	57	143	1		
“	45 M-Z	6	33	2	41			150	41	109			
“	46	15	44	1	60	157	217	200	60	140			
“	47 A-L	0	30	0	30	240	303	150	31	119			1
“	47 M-Z	1	31	1	33			150	33	117			
“	48	8	64	1	73	210	283	300	80	220	6		1
“	49	9	48	1	58	233	291	300	58	242			
“	50	7	45	0	52	185	237	250	53	197	1		
“	51	3	65	0	68	140	208	200	68	132			
“	52	2	56	3	61	169	230	250	61	189			
“	53	2	52	1	55	197	252	250	56	194		1	
“	54	11	56	3	70	106	176	200	71	129		1	
“	55	10	42	3	55	130	185	200	55	145			
“	56	11	60	6	77	119	196	200	80	120		3	
“	57	17	34	1	52	101	153	150	55	95	2	1	
“	58	13	38	6	57	130	187	200	59	141	2		
“	59	15	40	7	62	86	148	150	62	88			

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF HAMILTON CENTRE AT THE ELECTION HELD ON THE 2ND DAY OF MARCH, 1938—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each			Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Phil Luck	John Newlands	Stewart Woods	Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Hamilton Centre—*Con.*	No. 60	37	53	9	99	160	259	250	100	150	....	1	....	....
	“ 61	18	67	7	92	132	224	250	95	155	3	....	....	....
	“ 62	33	86	0	119	167	286	300	124	176	5	....	....	....
	“ 63	16	59	1	76	35	111	150	77	73	1	....	....	....
	“ 64	23	57	5	85	131	216	250	85	165	....	....	....	....
	“ 65	19	55	1	75	171	246	250	76	174	....	1	....	....
	“ 66	9	63	4	76	183	259	250	77	173	....	....	1	....
	“ 67	9	34	1	44	82	126	150	44	106	....	....	....	....
	“ 68	12	41	3	56	80	136	150	56	94	....	....	....	....
	“ 69	14	41	7	62	163	225	250	63	187	....	1	....	....
	“ 70	5	25	2	32	139	171	200	32	168	....	....	....	....
	“ 71	12	33	1	46	137	183	200	46	154	....	....	....	....
	“ 72	20	39	3	62	146	208	200	64	136	1	1	....	....
	“ 73	19	41	0	60	150	210	200	66	134	5	1	....	....
	“ 74	28	45	1	74	79	153	150	74	76	....	....	....	....
	“ 75	19	37	0	56	115	171	200	56	144	....	....	....	....
	“ 76	12	55	4	71	124	195	200	72	128	....	....	....	1
	“ 77	15	54	5	74	74	148	150	74	76	....	....	....	....
	“ 78	18	60	2	80	144	224	250	81	169	1	....	....	....
	“ 79	6	56	2	64	147	211	200	64	136	....	....	....	....
	“ 80	9	59	2	70	65	135	150	70	80	....	....	....	....
	“ 81	27	90	4	121	92	213	200	121	79	....	....	....	....
	“ 82	13	45	3	61	51	112	150	62	88	....	1	....	....

" 83	17	129	3	149	110	259	250	152	98	2	1	....	....
" 84	15	71	3	89	157	246	250	89	161	....	....	....	....
" 85	5	30	1	36	116	152	150	36	114	....	....	....	....
" 86	23	55	3	81	103	184	200	81	119	....	....	....	....
" 87	10	60	2	72	117	189	200	73	127	1	....	....	....
" 88	12	52	2	66	106	172	200	69	131	3	....	....	....
" 89	16	110	4	130	95	225	250	133	117	3	....	....	....
" 90 and 92	14	34	8	56	33	89	100	57	43	1	....	....	....
" 91	25	64	2	91	79	170	200	91	109	....	....	....	....
" 93	14	50	2	66	122	188	200	67	132	1	....	....	....
" 94	17	46	3	66	87	153	150	66	84	....	....	....	....
" 95	12	28	0	40	59	99	100	40	60	....	....	....	....
" 96	37	59	9	105	104	209	200	107	93	2	....	....	....
" 97	21	75	4	100	106	206	200	101	99	1	....	....	....
" 98	14	77	2	93	129	222	250	95	155	2	....	....	....
" 99	15	75	3	93	113	206	200	93	107	....	....	....	....
" 100	25	77	3	105	102	207	200	108	92	3	....	....	....
" 101	21	106	2	129	115	244	250	129	121	....	....	....	....
" 102	25	79	5	109	88	197	200	111	89	2	....	....	....
" 103	16	63	3	82	93	175	200	83	117	1	....	....	....
" 104	17	56	2	75	93	168	200	76	124	1	....	....	....
" 105	18	78	3	99	77	176	200	101	99	2	....	....	....
" 106 A-L	17	41	4	62	191	312	150	66	84	4	....	....	....
" 106 M-Z	10	49	0	59			150	61	89	....	2	....	....
" 107	19	58	...	77	113	190	200	77	123	....	....	....	....
" 108	12	86	5	103	143	246	250	104	146	1	....	....	....
" 109	25	70	7	102	121	223	250	102	148	....	....	....	....
" 110	12	54	1	67	162	229	250	67	183	....	....	....	....
" 111	11	49	7	67	119	186	200	67	133	....	....	....	....
" 112	15	43	5	63	77	140	150	64	86	1	....	....	....
" 113	26	54	0	80	121	201	200	80	120	....	....	....	....
" 114	17	44	3	64	124	188	200	66	134	2	....	....	....
" 115	20	65	5	90	177	267	300	90	210	....	....	....	....
" 116	5	33	4	42	140	182	200	42	158	....	....	....	....
" 117	6	34	0	40	170	210	200	42	158	2	....	....	....
" 118	15	66	1	82	162	244	250	84	166	1	1	....	....
" 119	12	49	4	65	195	260	250	65	185	....	....	....	....
" 120	16	36	3	55	96	151	150	55	95	....	....	....	....
" 121	11	59	0	70	89	159	150	70	80	....	....	....	....
" 122	6	35	1	42	135	177	200	42	158	....	....	....	....
" 123	11	37	2	50	144	194	200	50	150	....	....	....	....
" 124	14	17	5	36	132	168	200	36	164	....	....	....	....
" 125	5	45	0	50	150	200	200	50	150	....	....	....	....
" 126	11	56	3	70	108	178	200	71	129	....	....	1	....
" 127	9	63	1	73	93	166	200	73	127	....	....	....	....

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF HAMILTON CENTRE AT THE ELECTION HELD ON THE 2ND DAY OF MARCH, 1938—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each			Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Phil Luck	John Newlands	Stewart Woods	Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Hamilton Centre—*Con*.	No. 128	10	30	2	42	90	132	150	42	108	....	....	....	....
	" 129	5	55	2	62	104	166	200	63	137	1	....	....	....
	" 130	7	40	1	48	169	217	200	48	152	....	....	....	....
	" 131	8	34	0	42	105	147	150	42	108	....	....	....	....
	" 132	6	52	5	63	101	164	150	63	87	....	....	....	....
	" 133	15	44	4	63	157	220	250	63	187	....	....	....	....
	" 134	15	71	0	86	145	231	250	86	164	....	....	....	....
	" 135	14	46	1	61	156	217	200	61	139	....	....	....	....
	" 136	14	50	4	68	76	144	150	68	82	....	....	....	....
	" 137	16	60	3	79	150	229	250	80	170	....	1	....	....
	" 138	22	55	3	80	164	244	250	81	169	1	....	....	....
	" 139	14	52	11	77	144	221	250	77	173	....	....	....	....
	" 140	12	35	3	50	183	233	250	50	200	....	....	....	....
	" 141	15	46	3	64	172	236	250	64	186	....	....	....	....
	" 142	7	31	1	39	206	245	200	39	161	....	....	....	....
	" 143	10	32	6	48	139	187	200	48	152	....	....	....	....
	" 144	14	38	2	54	157	211	200	54	146	....	....	....	....
	" 145	25	38	3	66	101	167	200	66	134	....	....	....	....
	" 146	12	49	0	61	72	133	100	64	36	3	....	....	....
	" 147	30	40	4	74	146	220	200	75	125	1	....	....	....
	" 148	24	63	8	95	123	218	200	97	103	2	....	....	....
	" 149	13	49	2	64	158	222	200	64	136	....	....	....	....
	" 150	12	39	5	56	124	180	200	57	143	1	....	....	....

" 151	11	27	4	42	111	153	100	44	56	2			
" 152	17	24	4	45	153	198	200	45	155				
" 153	10	22	5	37	178	215	200	37	163				
" 154	10	42	6	58	140	198	200	58	142				
" 155	13	33	6	52	126	178	200	52	148				
" 156	28	57	3	88	137	225	200	88	112				
" 157	11	59	12	82	78	160	200	83	117	1			
Totals	1,986	8,447	454	10,887	21,781	32,668	33,950	11,005	22,945	87	26	4	1
Majority for Newlands		6,461											

Total number of printed ballots not distributed to D.R.O.'s: 50.
Total number of ballot paper printed: 34,000.

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF LAMBTON EAST AT THE ELECTION HELD ON THE 22ND DAY OF MARCH, 1938

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		James A. Currie	Charles O. Fairbank	Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Lambton East....	Alvinston............No. 1	36	98	134	47	181	200	134	65	1	....	....	....
	" .... " 2 A-L	23	75	98	42	140	150	98	51	1	....	....	....
	" .... " 2 M-Z	46	97	143	52	195	200	143	57	....	....	....	....
	Arkona............... " 1	48	151	199	90	289	325	199	122	3	1	....	....
	Bosanquet........... " 1	65	112	177	100	277	300	177	. 122	....	1	....	....
	" .... " 2 A-L	44	99	143	61	204	225	143	82	....	....	....	....
	" .... " 2 M-Z	39	98	137	48	185	200	137	62	1	....	....	....
	" .... " 3	54	109	163	40	203	225	163	62	....	....	....	....
	" .... " 4	34	88	122	55	177	200	122	78	....	....	....	....
	" .... " 5	28	81	109	50	159	175	109	66	....	....	....	....
	" .... " 6	17	76	93	58	151	175	93	80	2	....	....	....
	" .... " 7	19	64	83	26	109	150	83	67	....	....	....	....
	Brooke.............. " 1	29	62	91	37	128	150	91	59	....	....	....	....
	" .... " 2	34	69	103	......	101	175	103	72	....	....	....	....
	" .... " 3 A-L	59	80	139	53	192	200	139	61	....	....	....	....
	" .... " 3 M-Z	47	56	103	42	145	175	103	72	....	....	....	....
	" .... " 4	20	32	52	30	82	100	52	48	....	....	....	....
	" .... " 5	37	69	106	54	160	175	106	69	....	....	....	....
	" .... " 6	17	81	98	46	144	150	98	52	....	....	....	....
	" .... " 7	12	40	52	10	62	75	52	23	....	....	....	....
	" .... " 8	32	38	70	38	108	125	70	55	....	....	....	....
	" .... " 9	7	19	26	24	50	75	26	49	....	....	....	....
	" .... " 10	55	39	94	41	135	150	94	56	....	....	....	....

D. W. DUNCAN, Returning Officer.

“	“ 11	41	34	75	36	111	125	75	50	....	....	....	....
“	“ 12	33	49	82	42	124	150	82	68	....	....	....	....
Camden	“ 1	122	82	204	32	236	250	204	46	....	....	....	....
“	“ 2	44	69	113	71	184	200	113	83	4	....	....	....
“	“ 4 & 5	40	102	142	91	233	250	142	108	....	....	....	....
“	“ 6	29	24	53	35	88	100	53	47	....	....	....	....
“	“ 7	66	38	104	38	142	175	104	70	1	....	....	....
Dawn	“ 1	61	46	107	41	148	175	107	68	....	....	1	....
“	“ 2	76	40	116	26	142	150	116	33	1	....	....	....
“	“ 3	58	75	133	37	170	175	133	42	....	....	....	....
“	“ 4	24	53	77	28	105	125	77	48	....	....	....	....
“	“ 5	36	57	93	35	128	150	93	57	....	....	....	....
“	“ 6	62	41	103	27	130	150	103	47	....	....	....	....
“	“ 7	25	57	82	14	96	100	82	18	....	....	....	....
“	“ 8	32	49	81	28	109	125	81	44	....	....	....	....
“	9	53	84	137	34	171	200	137	63	....	....	....	....
“	“ 10	39	59	98	39	137	175	98	77	....	....	....	....
“	“ 11	18	60	78	29	107	125	78	46	1	....	....	....
Dresden	“ 1 A-L	67	66	133	33	166	200	133	65	1	....	1	....
“	“ 1 M-Z	57	87	144	35	179	200	144	55	....	....	1	....
“	“ 2	114	114	228	88	316	325	228	97	....	....	....	....
“	“ 3	150	79	229	88	317	350	229	120	1	....	....	....
“	“ 4	76	52	128	68	196	225	128	97	....	....	....	....
Enniskillen	“ 1	15	11	26	9	35	50	26	24	....	....	....	....
“	“ 2	16	18	34	12	46	75	34	41	....	....	....	....
“	“ 3	13	19	32	9	41	75	32	43	....	....	....	....
“	“ 4	9	30	39	20	59	75	39	36	....	....	....	....
“	“ 5	16	26	42	19	61	75	42	32	1	....	....	....
“	“ 6	19	60	79	6	85	100	79	21	....	....	....	....
“	“ 7	29	57	86	7	93	125	86	39	....	....	....	....
“	“ 8 & 9	15	56	71	20	91	125	71	54	....	....	....	....
“	“ 10	32	19	51	18	69	100	51	48	....	1	....	....
“	“ 11	24	28	52	13	65	75	52	23	....	....	....	....
“	“ 12	51	35	86	23	109	125	86	39	....	....	....	....
“	“ 13	10	29	39	22	61	75	39	36	....	....	....	....
“	“ 14	17	28	45	4	49	75	45	30	....	....	....	....
“	“ 15	27	39	66	28	94	100	66	34	....	....	....	....
“	“ 16	29	22	51	11	62	75	51	24	....	....	....	....
“	“ 17	20	24	44	11	55	75	44	31	....	....	....	....
“	“ 18	29	23	52	18	70	100	52	48	....	....	....	....
“	“ 19	23	28	51	11	62	75	51	24	....	....	....	....
“	“ 20	60	52	112	16	128	150	112	37	1	....	....	....
“	“ 21	22	37	59	21	80	100	59	41	....	....	....	....
“	“ 22	22	32	54	11	65	75	54	21	....	....	....	....
“	“ 23	22	12	34	15	49	75	34	41	....	....	....	....

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF LAMBTON EAST AT THE ELECTION HELD ON THE 22ND DAY OF MARCH, 1938—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each		Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
				Total Number of Votes Polled	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Lambton East—		James A. Currie	Charles O. Fairbank										
Con.............	Enniskillen—*Con*......No. 24	16	17	33	13	46	50	33	17	....	....	....	....
	" .... " 25	10	24	34	8	42	50	34	16	....	....	....	....
	Euphemia............ " 1	79	80	159	36	195	225	159	65	1	....	....	....
	" .... " 2	28	69	97	39	136	150	97	52	1	....	....	....
	" .... " 3	28	46	74	41	115	125	74	51	....	....	....	....
	" .... " 4	15	45	60	22	82	100	60	40	....	....	....	....
	" .... " 5	9	85	94	48	142	150	94	56	....	....	....	....
	" .... " 6	16	38	54	25	79	100	54	44	2	....	....	....
	" .... " 7	25	41	66	52	118	125	66	59	....	....	....	....
	" .... " 8	14	35	49	35	84	100	49	51	....	....	....	....
	Forest............... " 1 A-L	39	70	109	50	159	200	109	91	....	....	....	....
	" .... " 1 M-Z	36	97	133	60	193	225	133	92	....	....	....	....
	" .... " 2 A-L	61	116	177	55	232	250	177	72	1	....	....	....
	" .... " 2 M-Z	44	98	142	51	193	225	142	82	1	....	....	....
	" .... " 3 A-L	48	73	121	23	144	175	121	54	....	....	....	....
	" .... " 3 M-Z	45	108	153	55	208	225	153	72	....	....	....	....
	Oil Springs........... " 1	100	74	174	63	237	225	174	51	....	....	....	....
	" " .... " 2	28	36	64	34	98	125	64	61	....	....	....	....
	Petrolia.............. " 1	111	110	221	41	262	275	221	51	3	....	....	....
	" .... " 2	92	67	159	27	186	200	159	41	....	....	....	....
	" .... " 2 A	46	52	98	38	136	150	98	48	....	4	....	....
	" .... " 3 A-L	100	97	197	55	252	275	197	78	....	....	....	....
	" .... " 3 M-Z	98	79	177	51	228	250	177	68	5	....	....	....

“	“ 4 A-L	41	90	131	15	146	175	131	44	....	....	....	....
“	“ 4 M-Z	56	76	132	34	166	175	132	42	1	....	....	....
“	“ 5	57	110	167	47	214	225	167	57	....	1	....	....
“	“ 6	54	69	123	33	156	175	123	52	....	....	....	....
“	“ 7	16	33	49	17	66	75	49	25	....	....	1	....
“	“ 8	31	45	76	25	101	100	76	24	....	....	....	....
Plympton	“ 1	67	93	160	60	220	250	160	90	....	....	....	....
“	“ 2	76	135	211	87	298	325	211	114	....	....	....	....
“	“ 3	35	94	129	88	217	225	129	96	....	....	....	....
“	“ 4 A-L	17	109	126	44	170	175	126	49	....	....	....	....
“	“ 4 M-Z	31	82	113	52	165	200	113	87	....	....	....	....
“	“ 5 A-L	24	74	98	72	170	200	98	102	....	....	....	....
“	“ 5 M-Z	22	88	110	67	177	200	110	90	....	....	....	....
“	“ 6	8	38	46	35	81	100	46	54	....	....	....	....
“	“ 7	49	76	125	51	176	200	125	74	1	....	....	....
“	“ 8	37	73	110	51	161	175	110	64	1	....	....	....
Thedford	“ 1 A-L	70	69	139	72	211	225	139	86	....	....	....	....
“	“ 1 M-Z	63	96	159	69	228	250	159	90	1	....	....	....
Warwick	“ 1	60	92	152	94	246	275	152	123	....	....	....	....
“	“ 2	66	77	143	70	213	225	143	82	....	....	....	....
“	“ 3 A-L	33	72	105	46	151	175	105	70	....	....	....	....
“	“ 3 M-Z	35	70	105	61	166	175	105	69	1	....	....	....
“	“ 4	41	93	134	95	229	250	134	116	....	....	....	....
“	“ 5	44	92	136	76	212	225	136	89	....	....	....	....
“	“ 6	25	73	98	89	187	200	98	102	....	....	....	....
“	“ 7	55	74	129	44	173	200	129	70	....	1	....	....
Watford	“ 1 A-L	78	58	136	48	184	200	136	64	....	....	....	....
“	“ 1 M-Z	92	47	139	58	197	225	139	86	....	....	....	....
“	“ 2 A-L	76	70	146	51	197	200	146	54	....	....	....	....
“	“ 2 M-Z	48	66	114	63	177	200	114	86	....	....	....	....
Wyoming	“ 1	75	79	154	44	198	225	154	71	....	....	....	....
“	“ 2	69	75	144	58	202	200	144	56	....	....	....	....
Totals		5,284	7,880	13,164	5,101	18,263	20,650	13,164	7,435	38	9	4	....
Majority for C. O. Fairbank			2,596										

Total number of printed ballots not distributed to D.R.O.'s: 350.
Total number of ballot paper printed: 21,000.

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF BRANTFORD AT THE ELECTION HELD ON THE 20TH DAY OF JULY, 1938.

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each				Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Dowden	Debragh	Hagey	Welsh	Total Number of Votes Polled.	Number of Votes remaining Unspoiled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Brantford.......	Ward 1............No. 1	27	0	98	59	184	130	314	400	185	215	1	....	....	....
	" 1............ " 2 A-L	22	0	68	80	170	105	275	300	170	130	....	....	....	....
	" 1............ " 2 M-Z	3	0	66	63	132	81	213	250	132	118	....	....	....	....
	" 1............ " 3 A-L	5	1	57	54	117	69	186	250	117	133	....	....	....	....
	" 1............ " 3 M-Z	7	0	56	60	123	91	214	250	124	126	1	....	....	....
	" 1............ " 4 A-L	40	3	108	64	215	90	305	350	216	134	1	....	....	....
	" 1............ " 4 M-Z	27	0	67	54	148	53	201	225	150	75	....	....	2	....
	" 1............ " 5 A-L	20	0	73	84	177	153	330	375	179	196	2	....	....	....
	" 1............ " 5 M-Z	21	0	68	102	191	130	321	375	192	183	1	....	....	....
	" 1............ " 6 A-L	15	1	70	89	175	75	250	275	177	98	2	....	....	....
	" 1............ " 6 M-Z	22	0	70	57	149	51	200	225	150	75	1	....	....	....
	" 1............ " 7 A-L	24	0	75	86	185	42	227	275	188	87	3	....	....	....
	" 1............ " 7 M-Z	14	2	64	85	165	56	221	275	165	110	....	....	....	....
	" 1............ " 8 A-L	35	0	81	84	200	88	288	325	201	124	1	....	....	....
	" 1............ " 8 M-Z	25	0	81	57	163	52	215	250	163	87	....	....	....	....
	Ward 2............No. 1	13	1	44	47	105	83	188	250	111	139	6	....	....	....
	" 2............ " 2 A-L	9	0	73	67	149	87	236	275	150	125	1	....	....	....
	" 2............ " 2 M-Z	8	0	84	78	170	59	229	275	170	105	....	....	....	....
	" 2............ " 3 A-L	15	1	70	57	143	75	218	275	143	132	....	....	....	....
	" 2............ " 3 M-Z	7	0	71	44	122	47	169	200	123	77	....	1	....	....

JUSTIN READ,
Returning Officer.

“ 2............	“ 4 A-L	15	1	77	58	151	95	246	275	154	121	3	....	....	....
“ 2............	“ 4 M-Z	19	0	103	48	170	80	250	275	176	99	5	1	....	....
“ 2............	“ 5 A-L	31	0	129	76	236	64	300	350	240	110	4	....	....	....
“ 2............	“ 5 M-Z	22	1	106	52	181	108	289	325	183	142	2	....	....	....
“ 2............	“ 6 A-L	31	0	91	53	175	58	233	275	176	99	....	....	1	....
“ 2............	“ 6 M-Z	32	0	68	40	140	66	206	250	144	106	3	1	....	....
“ 2............	“ 7 A-L	22	2	107	72	203	89	292	325	205	120	2	....	....	....
“ 2............	“ 7 M-Z	28	1	107	45	181	98	279	300	182	118	....	....	....	....
“ 2............	“ 8 A-L	54	0	72	52	178	96	274	300	188	112	8	2	....	....
“ 2............	“ 8 M-Z	21	0	70	59	150	73	223	275	151	124	....	....	1	....
“ 2............	“ 9 A-L	34	0	67	57	158	73	231	275	159	116	1	....	....	....
“ 2............	“ 9 M-Z	26	0	56	62	144	75	219	250	145	105	1	....	....	....
Ward 3............	No. 1	20	0	49	37	106	88	194	225	108	117	....	....	2	....
“ 3............	“ 2 A-L	18	1	106	70	195	111	306	350	197	153	2	....	....	....
“ 3............	“ 2 M-Z	12	1	61	59	133	78	211	250	137	113	3	1	....	....
“ 3............	“ 3 A-L	30	0	91	76	197	91	288	300	199	101	2	....	....	....
“ 3............	“ 3 M-Z	28	0	110	73	211	95	306	300	214	86	3	....	....	....
“ 3............	“ 4 A-L	39	0	95	55	189	77	266	300	192	108	3	....	....	....
“ 3............	“ 4 M-Z	36	2	104	36	178	90	268	300	180	120	2	....	....	....
“ 3............	“ 5 A-L	20	0	80	55	155	122	277	300	156	144	....	1	....	....
“ 3............	“ 5 M-Z	10	1	80	36	127	68	195	325	129	96	2	....	....	....
“ 3............	“ 6 A-L	55	0	86	70	211	116	327	375	211	164	....	....	....	....
“ 3............	“ 6 M-Z	40	2	70	59	171	100	271	300	172	128	1	....	....	....
“ 3............	“ 7 A-L	31	3	74	66	174	60	234	275	175	100	1	....	....	....
“ 3............	“ 7 M-Z	30	1	63	46	140	86	226	250	142	108	....	2	....	....
“ 3............	“ 8	61	1	109	78	249	148	397	450	250	200	1	....	....	....
“ 3............	“ 9	27	1	119	72	219	119	338	400	221	179	2	....	....	....
Ward 4............	No. 1 A-L	16	1	65	46	128	94	222	275	129	146	1	....	....	....
“ 4............	“ 1 M-Z	22	0	71	62	155	75	230	250	156	94	....	....	1	....
“ 4............	“ 2	41	1	117	92	251	245	496	450	253	197	1	....	1	....
“ 4............	“ 3 A-L	32	0	60	46	138	81	219	250	139	111	1	....	....	....
“ 4............	“ 3 M-Z	15	0	63	53	131	83	214	250	131	119	....	....	....	....
“ 4............	“ 4	33	1	111	93	238	145	383	425	238	187	....	....	....	....
“ 4............	“ 5	33	1	89	113	236	138	374	425	236	189	....	....	....	....
“ 4............	“ 6 A-L	17	0	78	58	153	80	233	250	154	96	1	....	....	....
“ 4............	“ 6 M-Z	24	1	74	69	168	79	247	275	169	106	....	1	....	....
“ 4............	“ 7 A-L	15	0	59	65	139	98	237	275	142	133	3	....	....	....
“ 4............	“ 7 M-Z	13	1	73	70	157	73	230	275	158	117	1	....	....	....
“ 4............	“ 8	40	4	87	103	234	139	373	425	238	187	....	3	1	....

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF BRANTFORD AT THE ELECTION HELD ON THE 20TH DAY OF JULY, 1938.

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each				Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Dowden	Debragh	Hagey	Welsh	Total Number of Votes Polled.	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Brantford—*Con.*	Ward 4............No. 9 A-L	27	2	62	59	150	52	202	250	151	99	....	....	1	....
	" 4............ " 9 M-Z	20	1	59	52	132	123	255	225	133	92	1	....	....	....
	Ward 5............No. 1 A-L	37	3	70	56	166	49	215	250	167	83	....	....	1	....
	" 5............ " 1 M-Z	25	1	40	49	115	70	185	200	115	85	....	....	....	....
	" 5............ " 2 A-L	41	2	90	56	189	102	291	325	191	134	2	....	....	....
	" 5............ " 2 M-Z	47	0	68	52	167	96	263	300	168	132	1	....	....	....
	" 5............ " 3	111	0	76	76	263	143	406	450	264	186	1	....	....	....
	" 5............ " 4 A-L	46	0	48	59	153	73	226	250	153	97	....	....	....	....
	" 5............ " 4 M-Z	44	1	47	50	142	46	188	200	142	58	....	....	....	....
	" 5............ " 5	63	0	66	56	185	127	312	350	186	164	1	....	....	....
	" 5............ " 6	93	1	67	80	241	155	396	425	244	181	1	....	....	....
	" 5............ " 7 A-L	80	1	49	31	161	76	237	275	163	112	2	....	....	....
	" 5............ " 7 M-Z	61	0	34	23	118	45	163	175	119	56	....	....	1	....
	" 5............ " 8 A-L	84	1	69	76	230	70	300	350	232	118	2	....	....	....
	" 5............ " 8 M-Z	64	0	33	15	112	87	199	225	113	112	....	....	1	....
	Twp. of Brantford...No. 1	3	1	72	58	134	95	229	275	134	141	....	....	....	....
	" " ... " 2	2	0	83	28	113	73	186	225	114	111	1	....	....	....
	" " ... " 3	6	2	70	69	147	100	247	300	148	152	1	....	....	....
	" " ... " 4 A-L	11	0	64	96	171	96	267	300	172	128	1	....	....	....

“ “ ... “ 4 M-Z	3	0	64	76	143	89	232	275	147	128	4	....	....	....
“ “ ... “ 5	3	0	70	42	115	58	173	200	115	85	....	....	....	....
“ “ ... “ 6	20	4	140	111	275	138	413	450	278	172	1	1	1	....
“ “ ... “ 7	5	0	44	44	93	63	156	200	94	106	1	....	....	....
Advance Poll	2	0	16	12	30	......	30	350	31	319	1	....	....	....
Totals	2,350	57	6,242	5,129	13,778	7,397	21,175	24,300	13,909	10,491	103	14	14	....
Majority for Hagey			1,113											

Total number of printed ballots not distributed to D.R.O.'s.: 2206, plus 419 spoiled.
Total number of ballot paper printed: 27,000.

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF PARKDALE AT THE ELECTION HELD ON THE 5TH DAY OF OCTOBER

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each				Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Harding	Harvey	Stewart	Thomson	Total Number of Votes Polled.	Number of Votes remaining Unspoiled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Parkdale........	No. 5-A....................	1	18	48	1	68	107	175	175	68	107	....	....	....	....
	" 5-B....................	0	21	54	0	75	123	198	175	75	100	....	....	....	....
	" 6-A....................	0	16	41	0	57	120	177	150	59	91	....	....	....	....
	" 6-B....................	2	10	33	0	45	126	171	150	46	104	2	....	....	....
	" 7-A....................	0	10	54	0	64	168	232	200	66	134	1	....	....	....
	" 7-B....................	5	15	49	0	69	116	185	200	69	131	....	2	....	....
	" 8-A....................	0	14	44	0	58	96	154	150	60	90	....	....	....	....
	" 8-B....................	1	41	32	0	74	79	153	150	74	76	....	2	....	....
	" 9A-A..................	0	25	35	0	60	109	169	150	60	90	....	....	....	....
	" 9A-B..................	1	9	41	0	51	85	136	150	51	99	....	....	....	....
	" 9B-A..................	4	18	82	3	107	125	232	250	107	143	....	....	....	....
	" 9B-B..................	1	21	91	1	114	167	281	250	114	136	....	....	....	....
	" 10-A..................	3	17	31	0	51	152	203	175	53	122	2	....	....	....
	" 10-B..................	0	15	47	0	62	126	188	175	63	112	1	....	....	....
	" 11-A..................	3	22	40	0	65	131	196	200	65	135	....	....	....	....
	" 11-B..................	1	26	39	0	66	154	220	200	66	134	....	....	....	....
	" 12-A..................	0	6	29	0	35	104	139	150	35	115	....	....	....	....
	" 12-B..................	1	10	31	0	42	119	161	150	42	108	....	....	....	....
	" 16-A..................	1	10	44	0	55	125	180	150	55	95	....	....	....	....
	" 16-B..................	1	8	37	1	47	103	150	150	48	102	1	....	....	....
	" 17-A..................	0	18	39	0	57	97	154	150	57	93	....	....	....	....
	" 17-B..................	0	6	42	0	48	99	147	150	48	102	....	....	....	....
	" 18-A..................	0	23	51	0	74	117	191	175	74	101	....	....	....	....
	" 18-B..................	0	14	40	2	56	122	178	175	57	118	1	....	....	....

JOHN E. MADDEN,
Returning Officer.

“ 19-A	0	10	37	0	47	128	175	150	47	103	....	....	....	....
“ 19-B	1	9	57	0	67	96	163	150	67	83	....	....	....	....
“ 20-A	3	17	36	0	56	178	234	200	56	144	....	....	....	....
“ 20-B	0	7	56	1	64	165	229	200	66	134	2	....	....	....
“ 21-A	4	9	43	0	56	152	208	200	56	144	....	....	....	....
“ 21-B	0	18	45	0	63	158	221	200	63	137	....	....	....	....
“ 22	2	19	54	1	76	200	276	250	77	173	1	....	....	....
“ 23-A	0	6	35	0	41	117	158	150	41	109	....	....	....	....
“ 23-B	1	13	27	0	41	134	175	150	42	108	1	....	....	....
“ 24-A	1	6	46	0	53	125	178	125	54	71	1	....	....	....
“ 24-B	1	7	49	0	57	111	168	125	57	68	....	....	....	....
“ 26	1	17	32	0	50	129	179	175	51	124	1	....	....	....
“ 27-A	2	12	36	0	50	138	188	175	50	125	....	....	....	....
“ 27-B	4	8	31	1	44	123	167	175	51	124	....	7	....	....
“ 28	10	12	61	0	83	182	265	250	83	167	....	....	....	....
“ 29	0	42	86	0	128	148	276	250	129	121	....	1	....	....
“ 30	1	30	60	0	91	173	264	250	92	158	1	....	....	....
“ 31	1	20	57	0	78	168	246	225	78	147	....	....	....	....
“ 32	1	34	67	3	105	191	296	250	107	143	2	....	....	....
“ 33	0	38	81	1	120	151	271	250	121	129	1	....	....	....
“ 34	1	19	66	1	87	105	192	175	89	86	1	....	1	....
“ 35	0	28	75	0	103	168	271	250	103	147	....	....	....	....
“ 36	2	35	61	0	98	129	227	200	98	102	....	....	....	....
“ 37-A	2	9	59	1	71	87	158	150	73	77	2	....	....	....
“ 37-B	1	8	40	0	49	97	146	150	49	101	....	....	....	....
“ 38-A	1	18	40	1	60	123	183	150	60	90	....	....	....	....
“ 38-B	1	18	55	0	74	84	158	125	74	51	....	....	....	....
“ 39	0	25	93	0	118	168	286	250	119	131	1	....	....	....
“ 40	1	43	57	0	101	143	244	225	101	124	....	....	....	....
“ 41	3	32	67	1	103	124	227	200	104	96	1	....	....	....
“ 42-A	1	13	33	0	47	122	169	150	48	102	1	....	....	....
“ 42-B	5	16	35	2	58	100	158	150	59	91	1	....	....	....
“ 43-A	2	13	36	0	51	132	183	175	51	124	....	....	....	....
“ 43-B	1	24	32	0	57	117	174	175	58	117	1	....	....	....
“ 44-A	0	12	45	2	59	102	161	150	59	91	....	....	....	....
“ 44-B	1	9	24	0	34	130	164	150	34	116	....	....	....	....
“ 45	4	15	66	0	85	217	302	300	85	215	....	....	....	....
“ 46-A	4	20	55	0	79	104	183	150	79	71	....	....	....	....
“ 46-B	1	12	55	1	69	107	176	150	70	80	....	....	1	....
“ 47	0	21	63	1	85	132	217	200	85	115	....	....	....	....
“ 48	4	24	62	1	91	185	276	250	91	159	....	....	....	....
“ 49-A	1	10	44	0	55	117	172	150	55	95	....	....	....	....
“ 49-B	0	14	43	0	57	122	179	150	57	93	....	....	....	....
“ 50	3	16	73	0	92	175	267	250	92	158	....	....	....	....
“ 51	1	20	52	0	73	101	177	175	76	99	1	2	....	....

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF PARKDALE AT THE ELECTION HELD ON THE 5TH DAY OF OCTOBER, 1938—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each				Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Harding	Harvey	Stewart	Thomson	Total Number of Votes Polled.	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Parkdale—*Con.*	No. 52-A	1	9	70	1	81	79	160	150	82	68	1	....	....	....
	" 52-B	2	12	38	1	53	126	179	150	54	96	1	....	....	....
	" 53	2	21	55	1	79	212	291	250	81	169	2	....	....	....
	" 54	2	11	66	0	79	206	285	150	79	71	....	....	....	....
	" 55-A	1	12	57	0	70	89	159	150	70	80	....	....	....	....
	" 55-B	1	10	36	2	49	101	150	150	50	100	1	....	....	....
	" 56	0	16	41	2	59	154	213	200	60	140	1	....	....	....
	" 57	1	24	59	3	87	141	228	200	88	112	....	1	....	....
	" 58-A	4	14	45	0	63	113	176	175	63	112	....	....	....	....
	" 58-B	0	4	58	2	64	123	187	175	64	111	....	....	....	....
	" 59	1	25	66	1	93	152	245	225	94	131	1	....	....	....
	" 60	0	17	78	5	100	193	293	250	100	150	....	....	....	....
	" 61	1	24	68	1	94	161	255	225	95	130	....	1	....	....
	" 62	2	19	37	0	58	182	240	225	58	167	....	....	....	....
	" 63-A	1	6	53	0	60	90	150	150	60	90	....	....	....	....
	" 63-B	0	2	62	0	64	91	155	150	65	85	1	....	....	....
	" 64-A	2	4	42	3	51	141	192	175	51	124	....	....	....	....
	" 64-B	2	6	33	0	41	150	191	175	41	134	....	....	....	....
	" 65-A	0	11	52	0	63	121	184	150	64	86	1	....	....	....
	" 65-B	1	10	42	0	53	113	166	150	53	97	....	....	....	....
	" 66-A	2	8	50	0	60	98	158	150	60	90	....	....	....	....
	" 66-B	0	12	33	0	45	100	145	150	45	105	....	....	....	....
	" 67	5	9	94	0	108	189	297	250	109	141	1	....	....	....
	" 68-A	1	7	40	0	48	136	184	150	48	102	....	....	....	....

“ 68-B	1	4	46	0	51	98	149	150	51	99	....	....	....	....
“ 69-A	0	6	41	0	47	190	237	200	47	153	....	....	....	....
“ 69-B	9	19	18	4	50	111	161	200	50	150	....	....	....	....
“ 70-A	0	6	50	1	57	97	154	150	58	92	1	....	....	....
“ 70-B	1	10	39	0	50	96	146	150	51	99	1	....	....	....
“ 71	0	11	71	0	82	210	292	250	84	166	2	....	....	....
“ 72-A	0	7	60	1	68	134	202	175	69	106	1	....	....	....
“ 72-B	1	10	55	1	67	98	165	175	67	108	....	....	....	....
“ 73	1	12	70	0	83	201	284	250	83	167	....	....	....	....
“ 74	0	13	68	0	81	196	277	250	81	169	....	....	....	....
“ 75-A	1	0	57	0	58	109	167	150	58	92	....	....	....	....
“ 75-B	2	4	50	0	56	79	135	150	56	94	....	....	....	....
“ 76-A	1	8	47	0	56	101	157	150	56	94	....	....	....	....
“ 76-B	4	17	44	0	65	123	188	150	65	85	....	....	....	....
“ 77-A	6	5	53	0	64	158	222	200	64	136	....	....	....	....
“ 77-B	2	6	69	0	77	113	190	200	78	122	....	1	....	....
“ 78-A	0	2	47	0	49	104	153	150	49	101	....	....	....	....
“ 78-B	2	1	42	0	45	105	150	150	46	104	1	....	....	....
“ 79-A	0	10	48	4	62	122	184	175	63	112	....	1	....	....
“ 79-B	0	3	44	0	47	127	174	175	47	128	....	....	....	....
“ 80-A	0	7	54	1	62	90	152	150	62	88	....	....	....	....
“ 80-B	0	5	38	0	43	104	147	150	43	107	....	....	....	....
“ 81-A	0	7	34	1	42	99	141	150	42	108	....	....	....	....
“ 81-B	0	10	43	0	53	108	161	150	53	97	....	....	....	....
“ 82	1	25	64	0	90	164	254	225	90	135	....	....	....	....
“ 83-A	1	7	58	0	66	119	185	150	67	83	1	....	....	....
“ 83-B	0	16	53	0	69	71	140	150	69	81	....	....	....	....
“ 84	2	11	51	0	64	120	184	175	64	111	....	....	....	....
“ 85	3	11	72	0	86	199	285	250	86	164	....	....	....	....
“ 86	1	11	54	1	67	176	243	200	67	133	....	....	....	....
“ 87	1	15	63	0	79	153	232	200	79	121	....	....	....	....
“ 107	4	31	37	0	72	155	227	200	74	126	2	....	....	....
“ 108	2	35	64	2	103	186	289	250	105	145	2	....	....	....
“ 109	3	20	56	1	80	188	268	250	82	168	2	....	....	....
“ 110-A	2	32	27	0	61	85	146	150	61	89	....	....	....	....
“ 110-B	0	24	31	0	55	107	162	150	56	94	....	1	....	....
“ 111	2	52	39	0	93	163	256	250	94	156	....	1	....	....
“ 121-A	2	30	32	0	64	85	149	150	66	84	1	1	....	....
“ 121-B	1	27	24	0	52	115	167	150	52	98	....	....	....	....
“ 137-A	2	20	35	0	57	148	205	225	57	168	....	....	....	....
“ 137-B	1	16	41	0	58	176	234	225	58	167	....	....	....	....
“ 138-A	0	19	38	0	57	120	177	175	58	117	....	1	....	....
“ 138-B	1	10	44	0	55	120	175	175	55	120	....	....	....	....
“ 139-A	5	6	53	1	65	158	223	175	65	110	....	....	....	....
“ 139-B	1	25	44	0	70	88	158	175	70	105	....	....	....	....

STATEMENT BY RETURNING OFFICER RESPECTING VOTES POLLED AND BALLOT PAPERS USED AT THE POLLING PLACES OF THE ELECTORAL DISTRICT OF PARKDALE AT THE ELECTION HELD ON THE 5TH DAY OF OCTOBER, 1938—*Continued*

Electoral District	Numbers of Polling Places	Names of Candidates and Number of Votes Polled for each				Voters at each Polling Place			Ballot Papers sent out and how disposed of in each Polling Place						
		Harding	Harvey	Stewart	Thomson	Total Number of Votes Polled.	Number of Votes remaining Unpolled.	Number of Names on the Polling Lists.	Number of Ballot Papers sent out to each Polling Place.	Used Ballot Papers.	Unused Ballot Papers.	Rejected Ballot Papers.	Cancelled Ballot Papers.	Declined Ballot Papers.	Ballot Papers taken from Polling Places.
Parkdale—*Con.*	No. 140-A	0	31	34	0	65	187	252	250	65	185	....	....	....	....
	" 140-B	4	21	57	1	83	152	235	250	83	167	....	....	....	....
	" 141-A	2	19	46	0	67	124	191	175	67	108	....	....	....	....
	" 141-B	5	17	42	0	64	107	171	175	64	111	....	....	....	....
	" 142-A	1	40	34	0	75	150	225	225	75	150	....	....	....	....
	" 142-B	0	22	34	0	56	174	230	225	56	169	....	....	....	....
	" 143	3	28	63	1	95	185	280	250	96	154	....	1	....	....
	" 144	2	59	41	0	102	176	278	250	103	147	....	1	....	....
	" 145	1	32	24	1	58	158	216	200	58	142	....	....	....	....
	" 146	2	60	63	1	126	157	283	250	127	123	....	1	....	....
	" 147	0	27	59	3	89	130	219	200	89	111	....	....	....	....
	" 148	0	26	57	2	85	140	225	200	87	113	2	....	....	....
	" 149	0	28	48	0	76	115	191	175	76	99	....	....	....	....
	" 170	1	25	51	0	77	124	201	200	78	122	....	1	....	....
	" 171-A	1	20	62	1	84	116	200	200	84	116	....	....	....	....
	" 171-B	2	20	40	0	62	139	201	200	62	138	....	....	....	....
	" 172	1	37	65	0	103	152	255	250	104	146	1	....	....	....
	" 173	0	35	47	0	82	151	233	225	83	142	1	....	....	....
	" 174-A	1	14	32	0	47	107	154	150	47	103	....	....	....	....
	" 174-B	1	19	30	0	50	136	186	150	51	99	....	1	....	....
	" 175	1	39	42	2	84	168	252	250	84	166	....	....	....	....
	" 185	0	30	33	0	63	215	278	250	63	187	....	....	....	....
	" 186	0	42	70	0	112	177	289	250	112	138	....	....	....	....
	" 187	0	43	65	0	108	140	248	225	108	117	....	....	....	....

" 188	0	36	79	1	116	150	266	250	116	134	....	....	....	....
" 189	3	32	49	2	86	157	243	225	86	139	....	....	....	....
" 190-A	0	29	53	1	83	63	146	150	84	66	1	....	....	....
" 190-B	0	14	36	0	50	105	155	150	50	100	....	....	....	....
" 191	2	37	46	0	85	192	277	250	86	164	1	....	....	....
" 192	3	56	58	3	120	168	288	250	120	130	....	....	....	....
" 193-A	0	13	47	0	60	101	161	150	60	90	....	....	....	....
" 193-B	1	5	32	0	38	122	160	150	39	111	1	....	....	....
" 194	2	32	71	0	105	165	270	250	105	145	....	....	....	....
" 195	1	36	39	0	76	176	252	250	76	174	....	....	....	....
" 196	4	68	47	1	120	142	262	250	120	130	....	....	....	....
" 197-A	6	35	20	1	62	87	149	150	63	87	1	....	....	....
" 197-B	5	24	20	2	51	108	159	150	53	97	2	....	....	....
" 198	4	70	30	0	104	151	255	250	104	146	....	....	....	....
" 199	6	47	40	1	94	145	239	225	97	128	3	....	....	....
" 200	2	35	28	0	65	164	229	225	65	160	....	....	....	....
" 201	2	12	51	1	66	169	235	225	66	159	....	....	....	....
" 202	1	15	53	0	69	183	252	250	72	178	3	....	....	....
" 203-A	1	22	48	0	71	103	174	150	72	78	1	....	....	....
" 203-B	0	5	28	0	33	126	159	150	33	117	....	....	....	....
" 204-A	0	15	54	1	70	102	172	175	71	104	1	....	....	....
" 204-B	1	8	42	0	51	144	195	175	51	124	....	....	....	....
" 205-A	1	20	46	1	68	125	193	150	69	81	1	....	....	....
" 205-B	2	27	37	0	66	78	144	150	66	84	....	....	....	....
Advance Polls—														
389 Lansdowne Ave.	0	10	2	0	12	......	......	200	12	188	....	....	....	....
76 Westminster Ave.	0	2	9	0	11	......	......	200	11	189	....	....	....	....
1528 King St. W.	0	6	7	0	13	......	......	200	13	187	....	....	....	....
2553 Dundas St. W.	1	4	3	0	8	......	......	200	8	192	....	....	....	....
Totals	272	3,569	9,058	93	12,992	24,923	37,915	35,950	13,091	22,859	70	27	2	....
Majority for Stewart			5,489											

Total number of printed ballots not distributed to D.R.O.'s: 5,600.
Total number of ballot paper printed: 41,550.

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